

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082917\
 Data File : BE093898.D
 Acq On : 28 Aug 2017 15:47
 Operator : SJ/JU
 Sample : I4687-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2DL

Manual Integrations
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 8/28/2017 5:51:54 PM

Quant Time: Aug 28 16:32:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:03:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6469	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13992	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14431	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	14739	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1023	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2451	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	28333	1.039	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	26282	1.321	ng/ul	98
7) Acenaphthylene	14.24	152	4405	0.163	ng/ul#	87
8) Acenaphthene	14.59	153	2939	0.138	ng/ul	98
9) Fluorene	15.57	166	2164	0.080	ng/ul#	77
12) Phenanthrene	17.29	178	58039	1.523	ng/ul#	90
13) Anthracene	17.38	178	11460	0.309	ng/ul	93
15) Fluoranthene	19.30	202	114426	2.401	ng/ul	84
17) Pyrene	19.66	202	105214	2.498	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	62770	1.500	ng/ul#	88
19) Chrysene	21.45	228	68024	1.695	ng/ul	94
21) Benzo(b)fluoranthene	23.15	252	89520m	1.963	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	29524m	0.657	ng/ul	
23) Benzo(a)pyrene	23.81	252	56409	1.301	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.57	276	39152	0.818	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	9841	0.246	ng/ul#	73
26) Benzo(g,h,i)perylene	27.38	276	41172	1.020	ng/ul	97

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

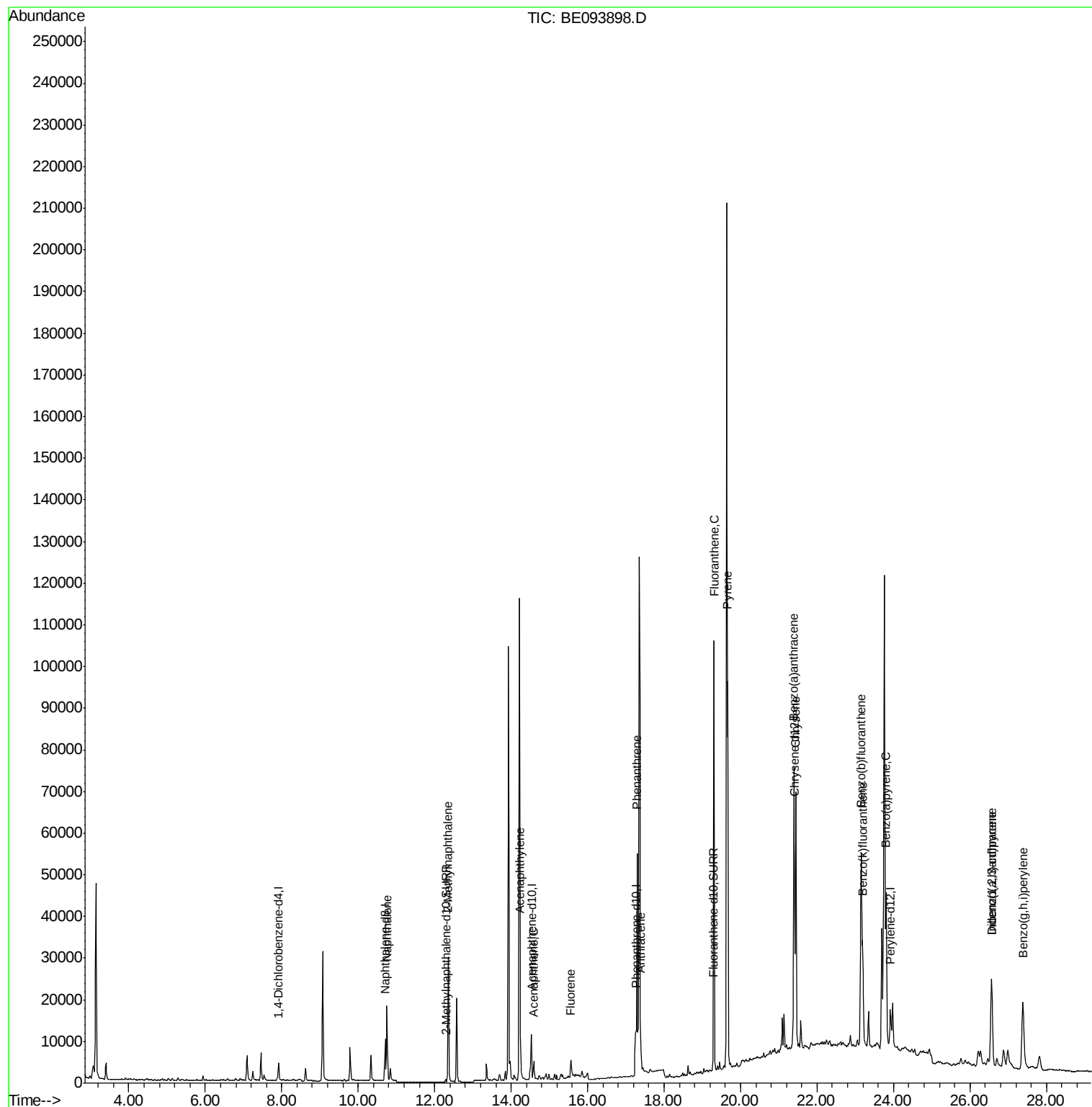
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082917\
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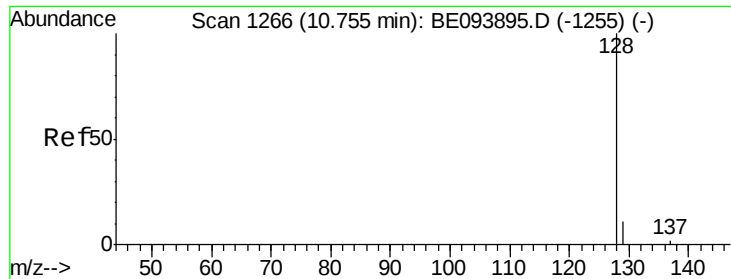
Instrument :
BNA_E
ClientSampled :
C0AH2DL

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Quant Time: Aug 28 16:32:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:03:19 2017
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#3

Naphthalene

Concen: 1.039 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Instrument :

BNA_E

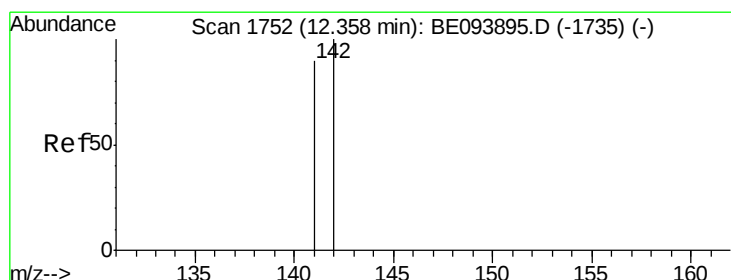
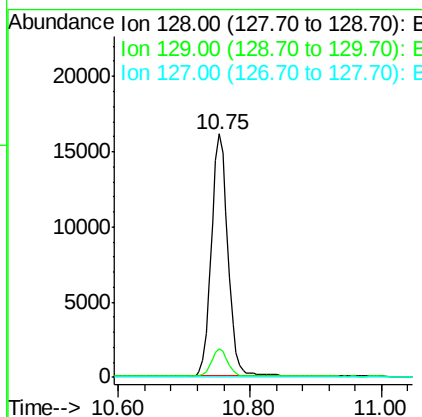
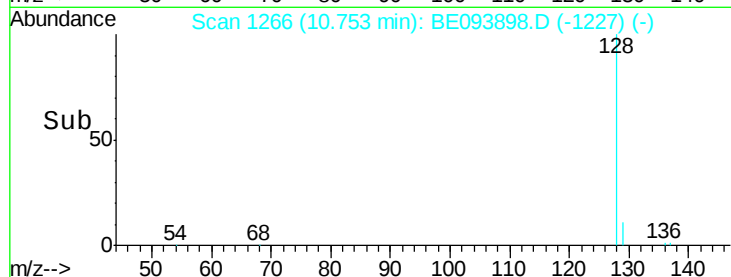
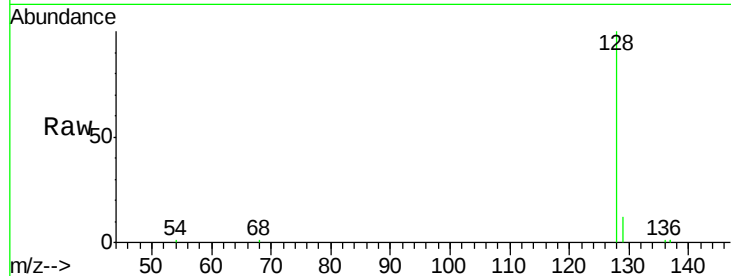
ClientSampleId :

C0AH2DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.321 ng/ul

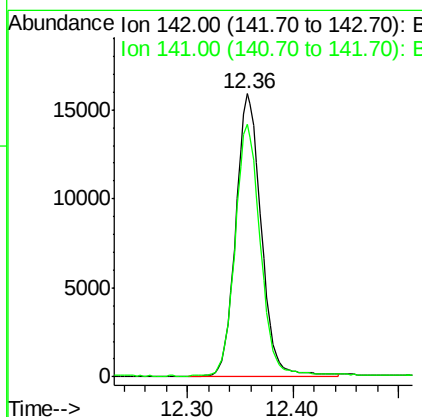
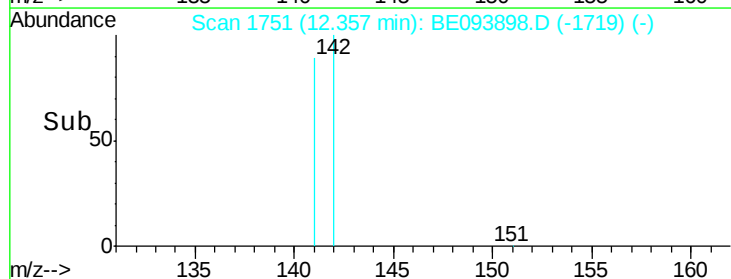
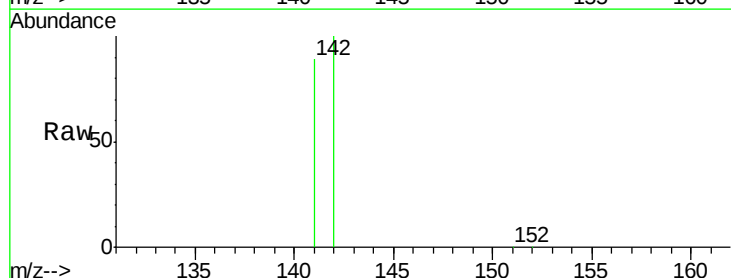
RT: 12.36 min Scan# 1751

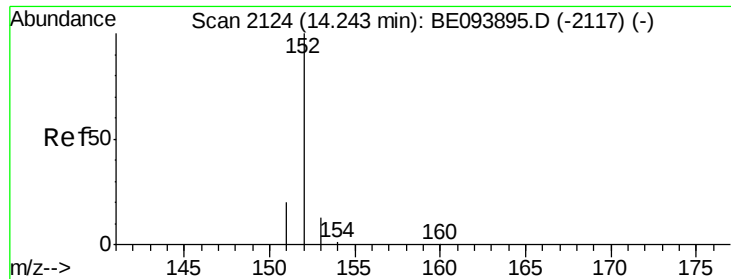
Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.163 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Instrument :

BNA_E

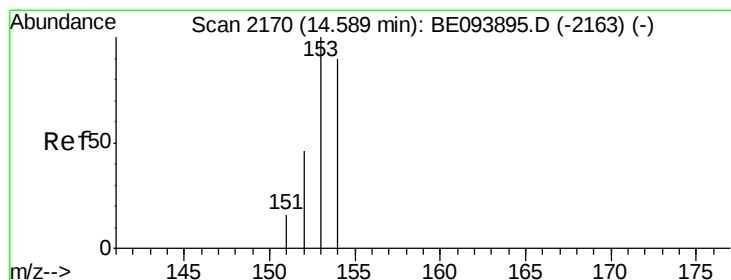
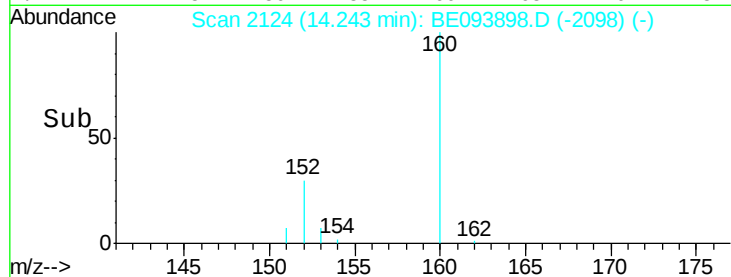
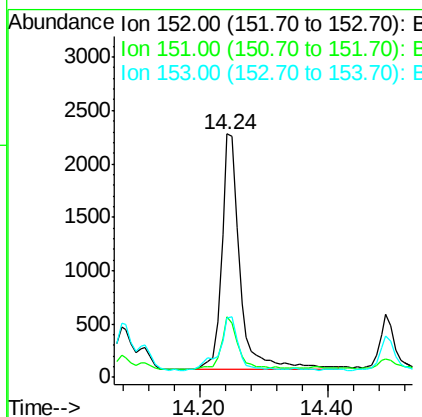
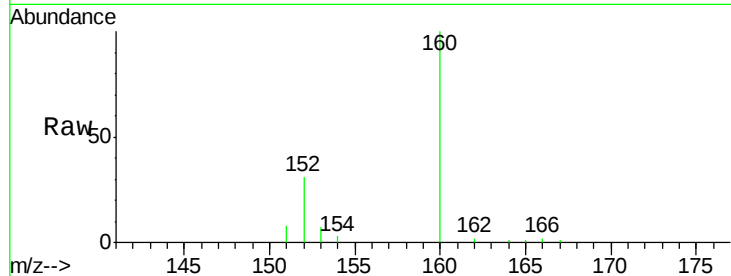
ClientSampleId :

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Tgt Ion:	152	Resp:	4405
Ion Ratio	Lower	Upper	
152	100		
151	24.9	17.1	25.7
153	24.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.138 ng/ul

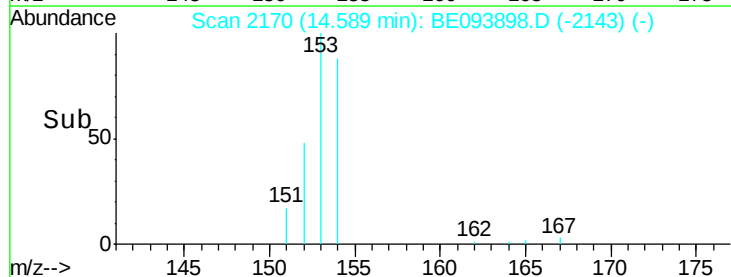
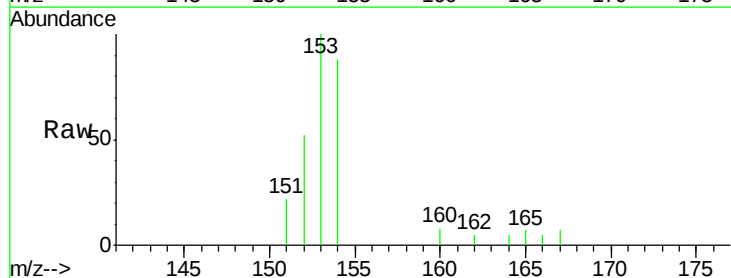
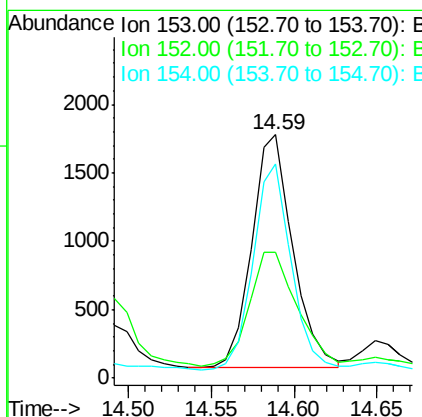
RT: 14.59 min Scan# 2170

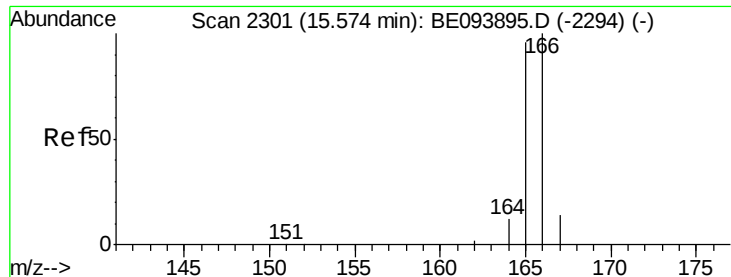
Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Tgt Ion:	153	Resp:	2939
Ion Ratio	Lower	Upper	
153	100		
152	51.8	40.3	60.5
154	87.8	71.4	107.2





#9

Fluorene

Concen: 0.080 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Instrument :

BNA_E

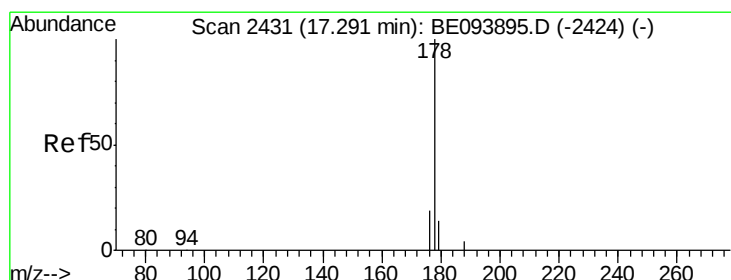
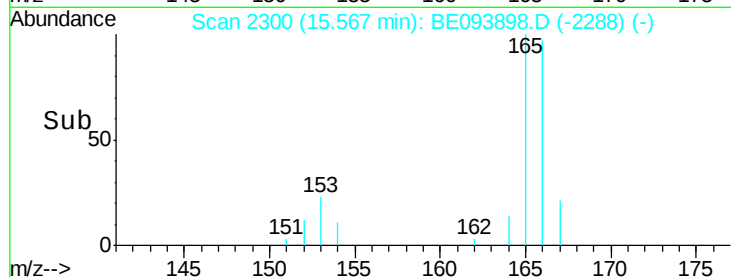
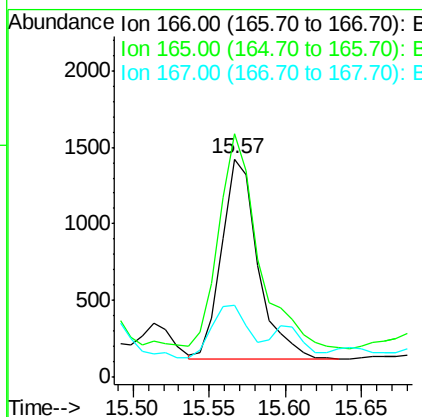
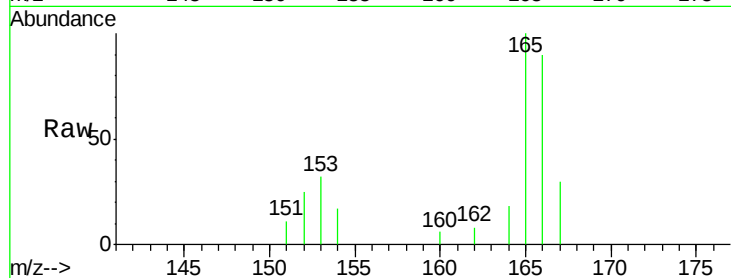
ClientSampleId :

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Tgt Ion:	166	Resp:	2164
Ion Ratio	Lower	Upper	
166	100		
165	111.7	73.4	110.2#
167	33.3	14.6	22.0#

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#12

Phenanthrene

Concen: 1.523 ng/ul

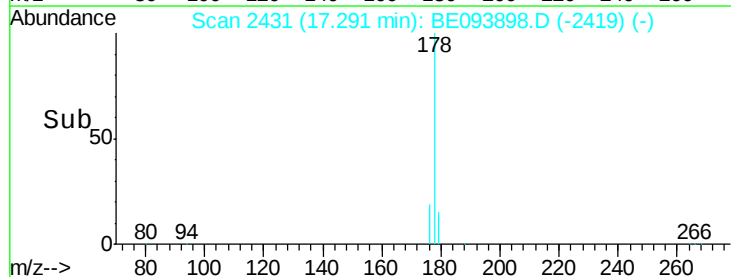
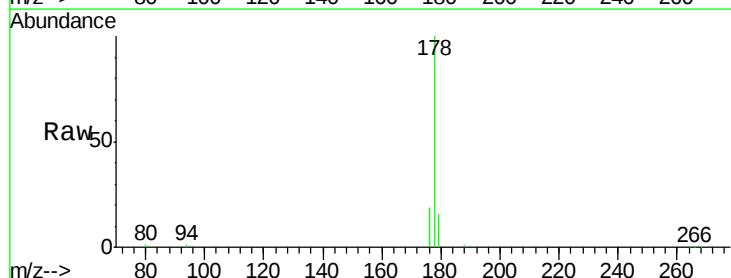
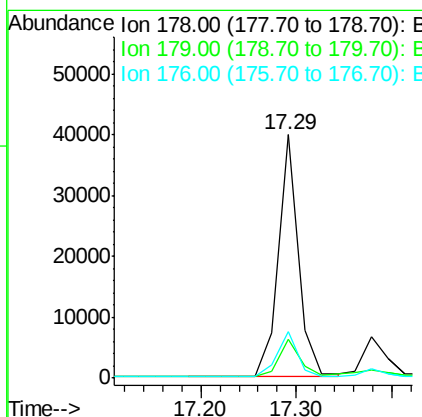
RT: 17.29 min Scan# 2431

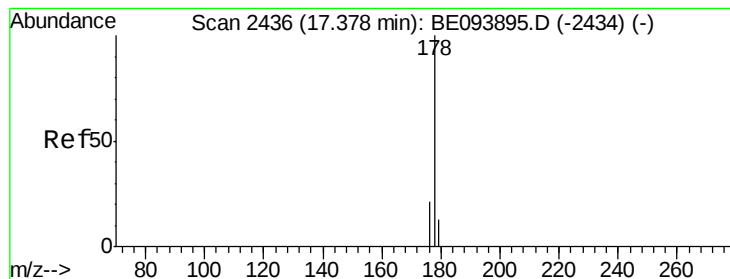
Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Tgt Ion:	178	Resp:	58039
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.4	27.6#
176	19.0	13.6	20.4





#13

Anthracene

Concen: 0.309 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093898.D

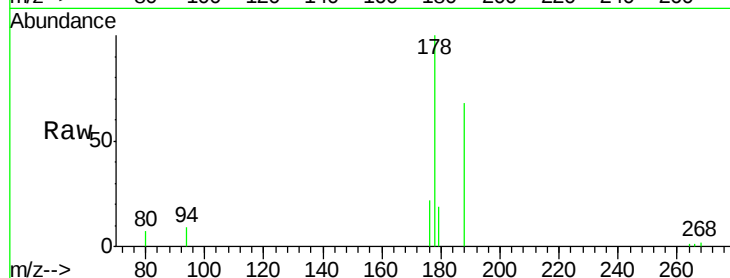
Acq: 28 Aug 2017 15:47

Instrument :

BNA_E

ClientSampled :

C0AH2DL



Tgt Ion:178 Resp: 11460

Ion Ratio Lower Upper

178 100

179 19.1 18.1 27.1

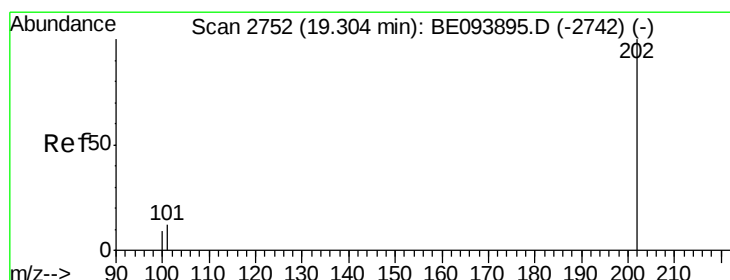
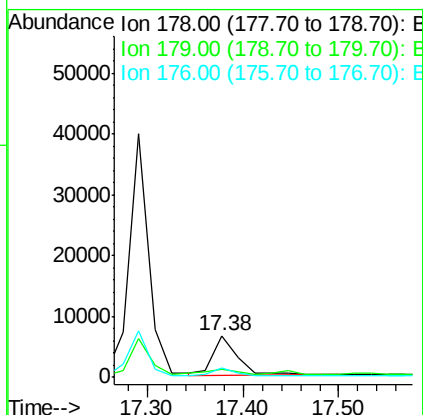
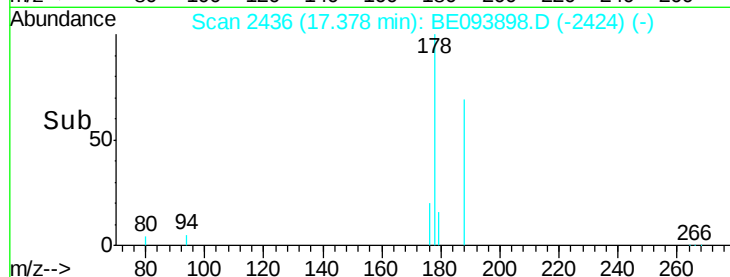
176 21.8 14.7 22.1

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#15

Fluoranthene

Concen: 2.401 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

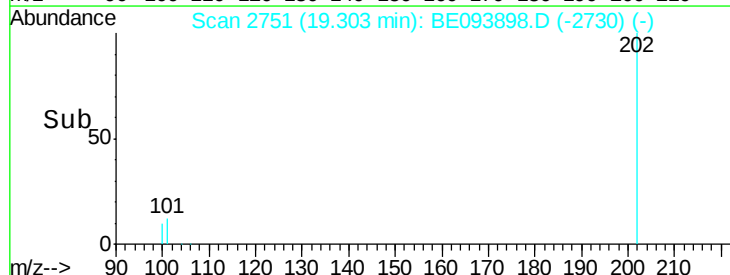
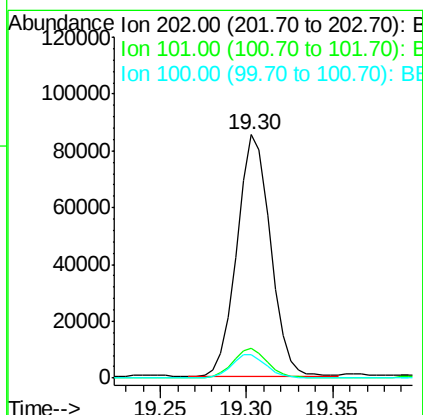
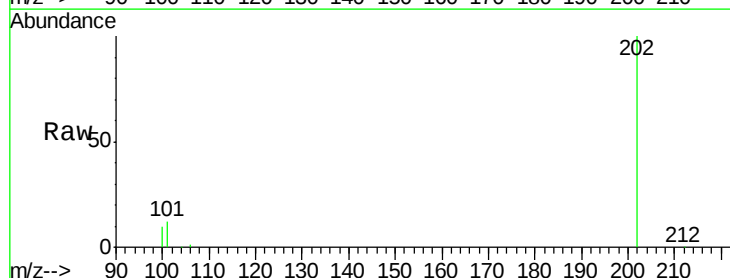
Tgt Ion:202 Resp: 114426

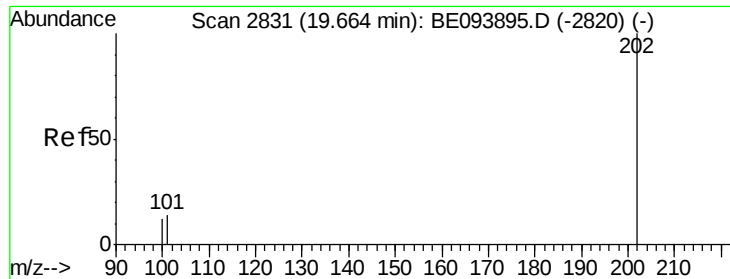
Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.3

100 9.8 0.0 39.5





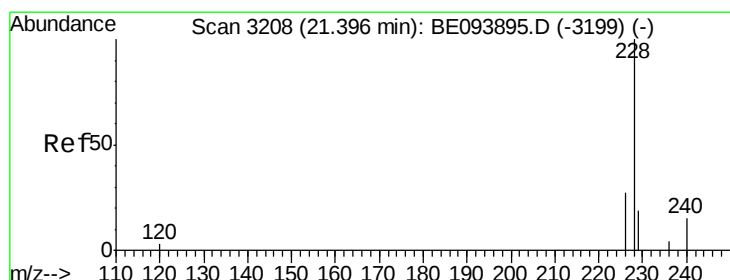
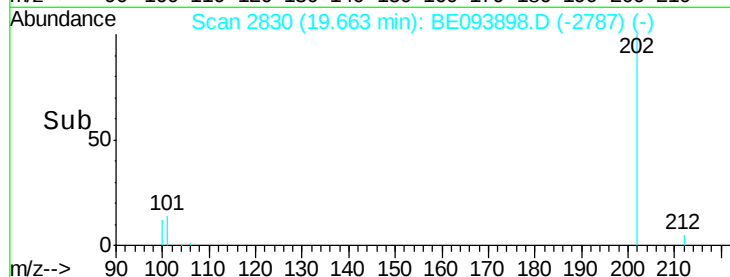
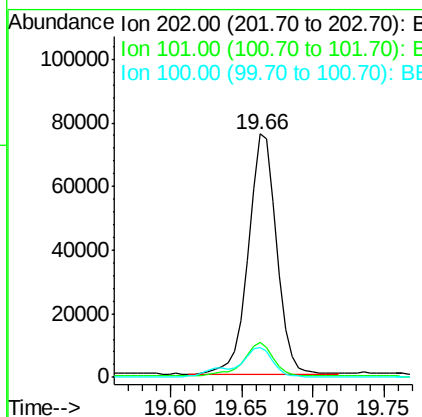
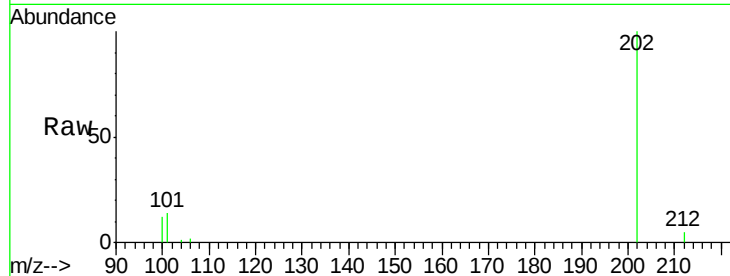
#17
 Pyrene
 Concen: 2.498 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE093898.D
 Acq: 28 Aug 2017 15:47

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	105214		
101	14.4	18.2	27.4#	
100	12.5	15.6	23.4#	

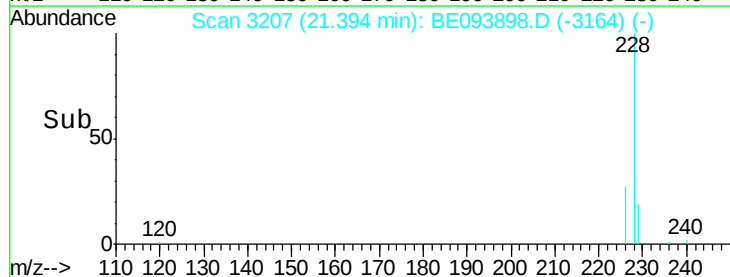
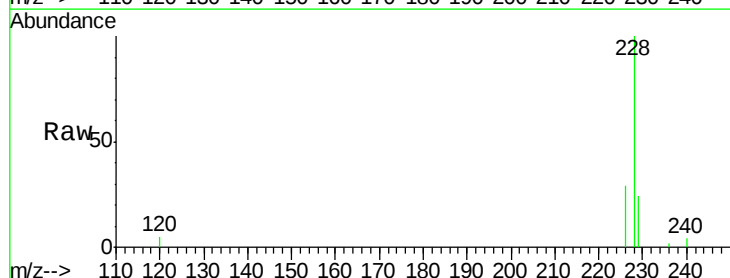
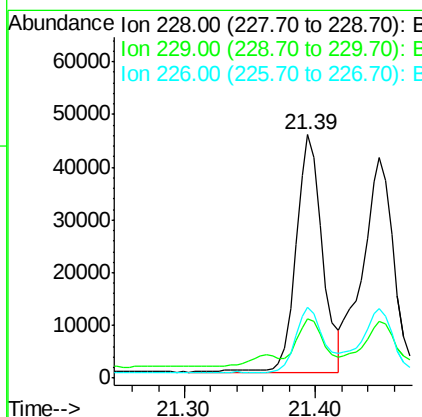
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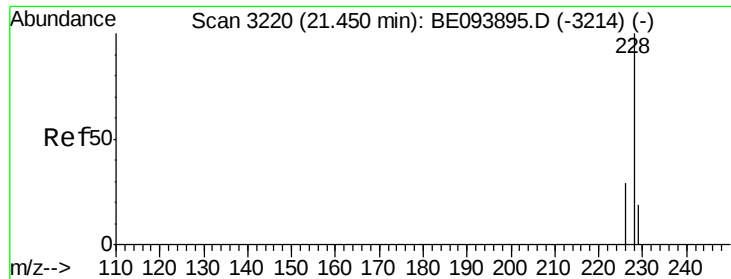
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#18
 Benzo(a)anthracene
 Concen: 1.500 ng/ul
 RT: 21.39 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: BE093898.D
 Acq: 28 Aug 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	62770		
229	24.5	22.8	34.2	
226	29.2	17.0	25.6#	





#19

Chrysene

Concen: 1.695 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Instrument :

BNA_E

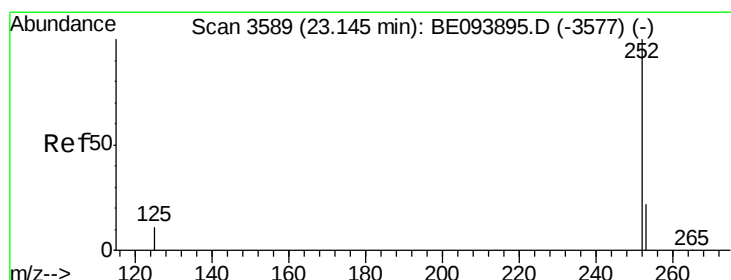
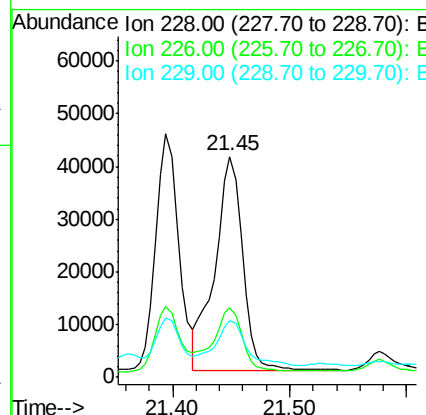
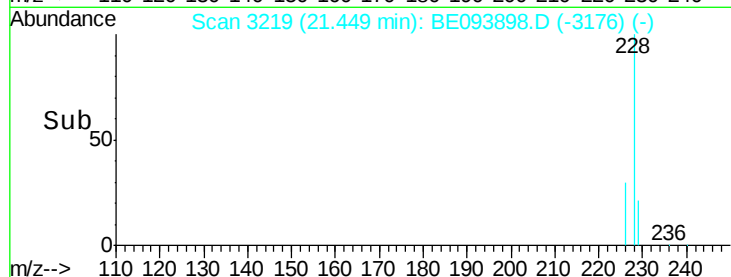
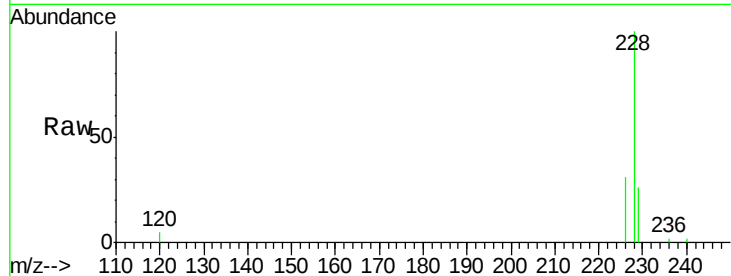
ClientSampleId :

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Tgt Ion:	228	Resp:	68024
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	25.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.963 ng/ul m

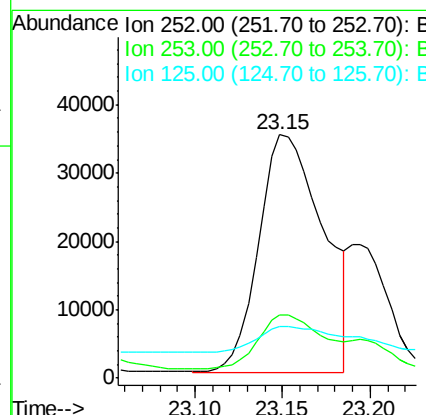
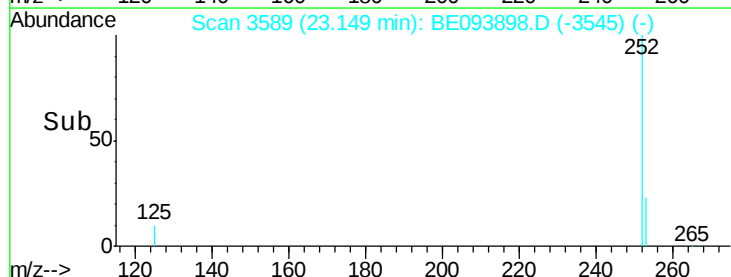
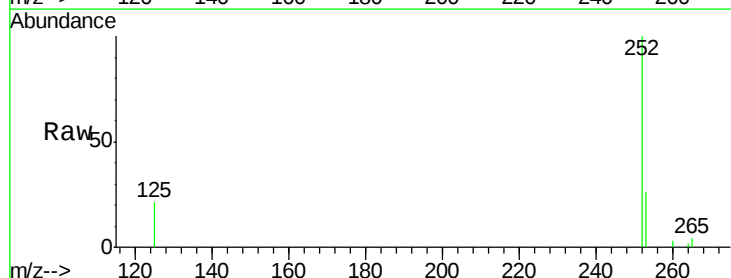
RT: 23.15 min Scan# 3589

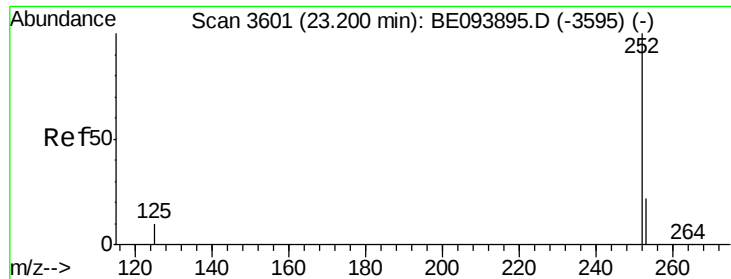
Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Tgt Ion:	252	Resp:	89520
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	64.2
125	21.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.657 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Instrument :

BNA_E

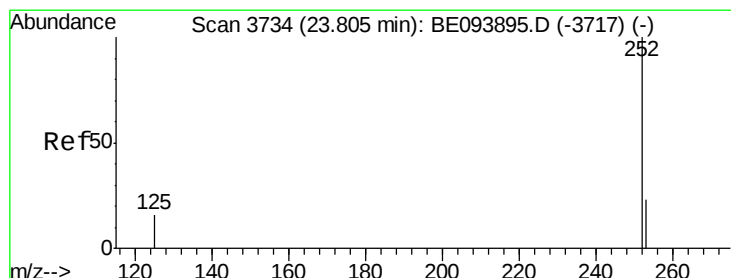
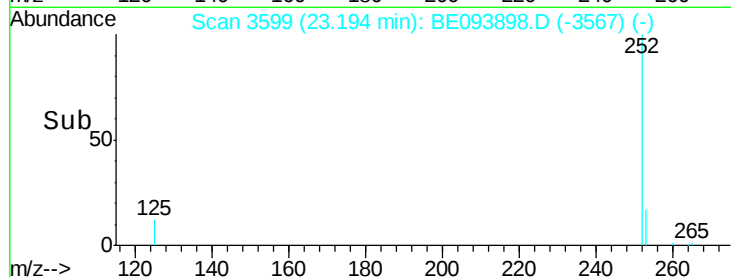
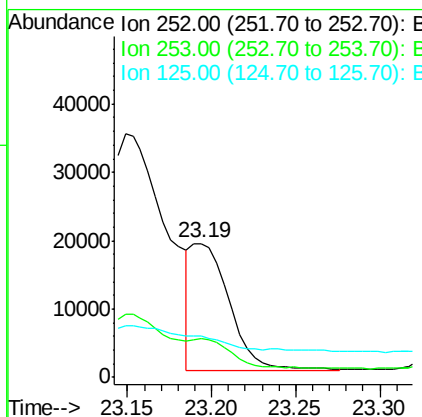
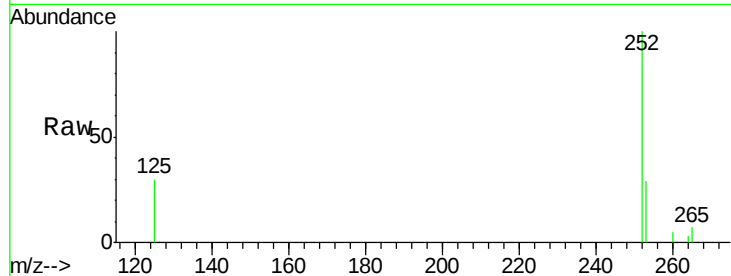
ClientSampleId :

C0AH2DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	29524		
253	29.0		24.5	36.7
125	30.5		13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.301 ng/ul

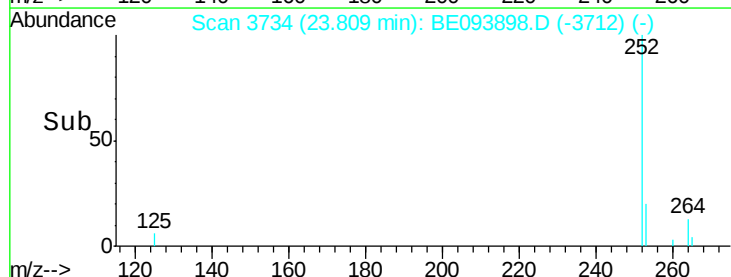
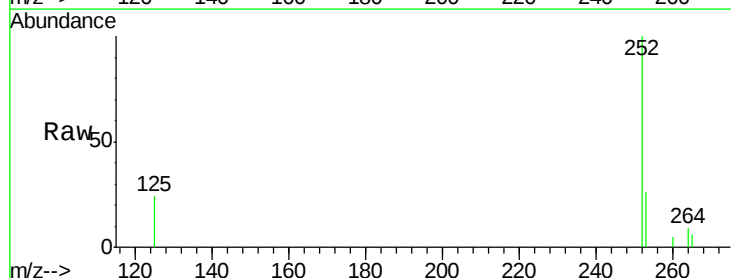
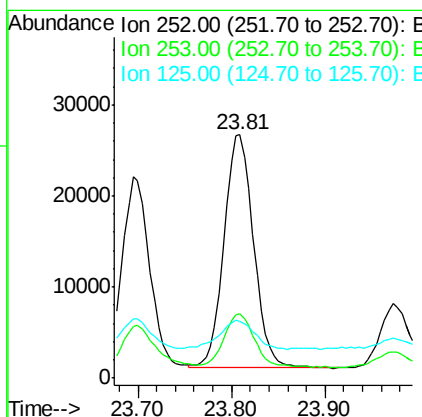
RT: 23.81 min Scan# 3734

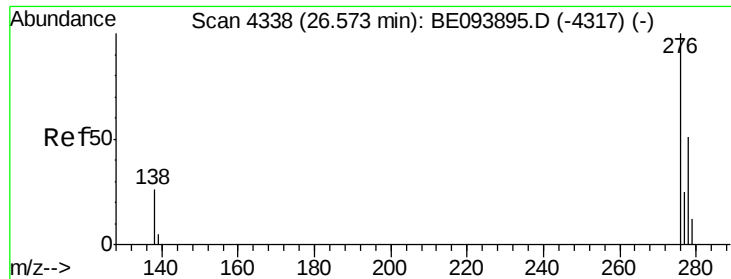
Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	56409		
253	26.4		28.5	42.7#
125	23.5		18.1	27.1





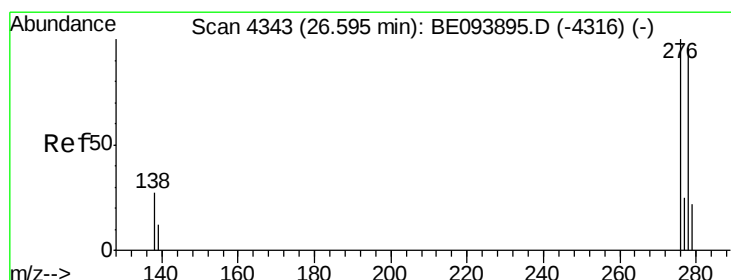
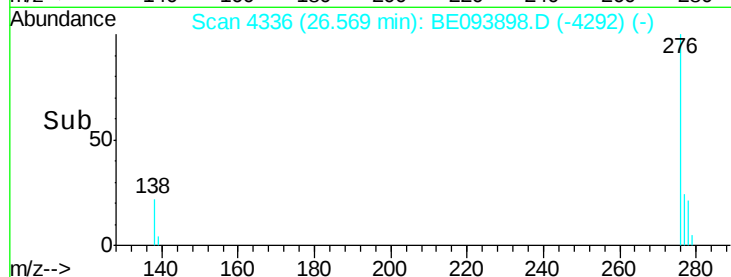
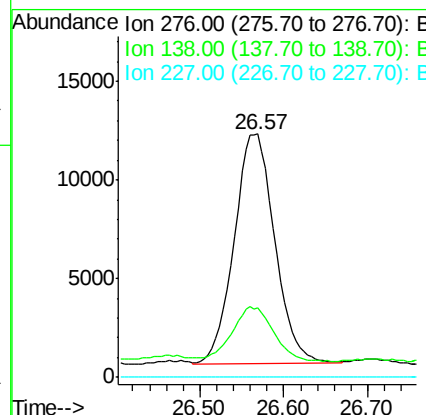
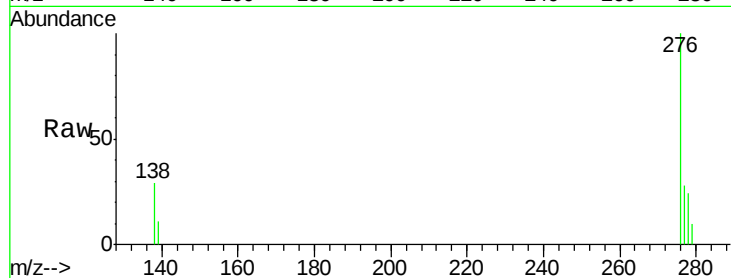
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.818 ng/ul
 RT: 26.57 min Scan# 4336
 Delta R.T. -0.00 min
 Lab File: BE093898.D
 Acq: 28 Aug 2017 15:47

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	39152		
138	23.9	28.0	42.0#	
227	0.0	8.0	12.0#	

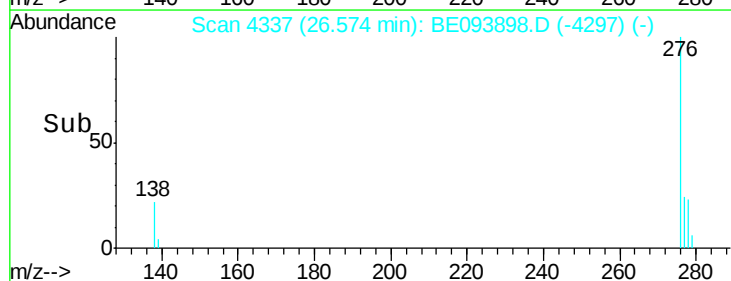
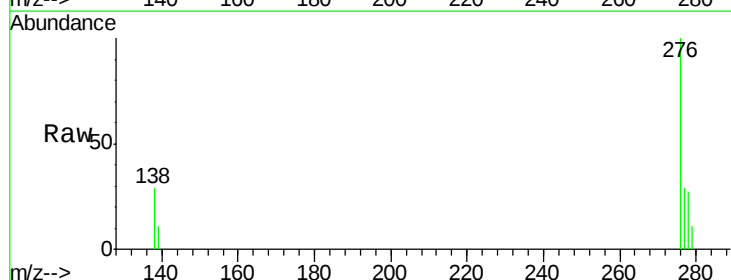
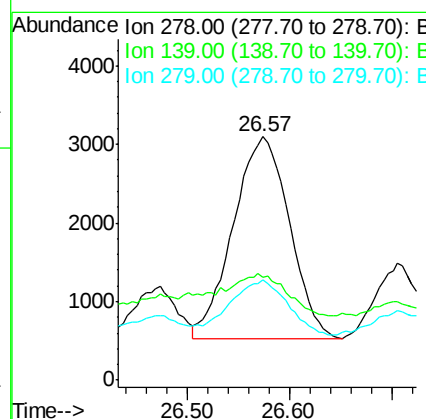
Manual Integrations
 APPROVED

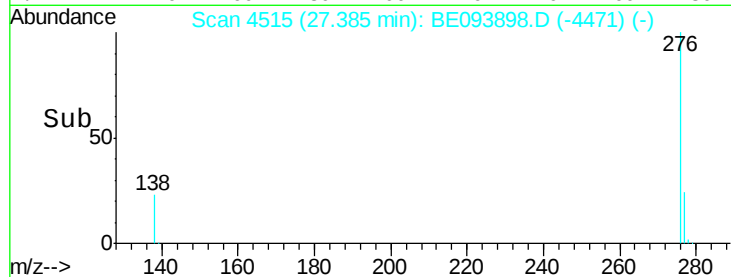
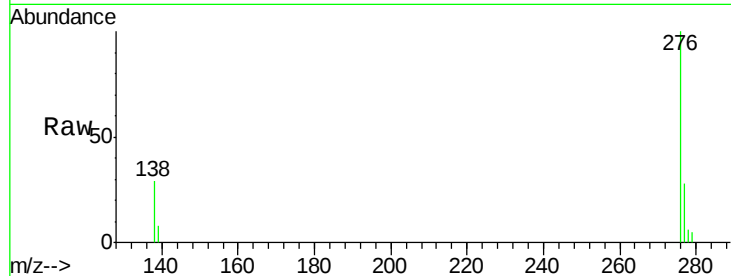
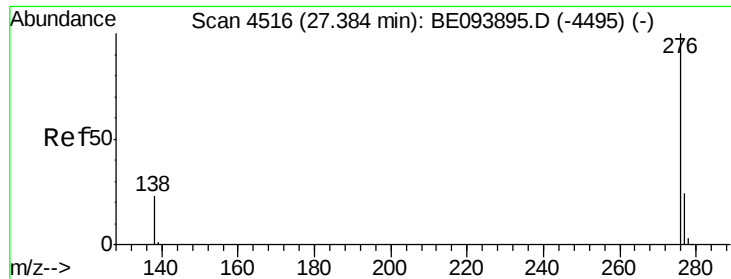
Sohil
 8/28/2017 5:51:54 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.246 ng/ul
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.02 min
 Lab File: BE093898.D
 Acq: 28 Aug 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	9841		
139	42.2	17.4	26.0#	
279	40.9	25.9	38.9#	





#26

Benzo(g,h,i)perylene

Concen: 1.020 ng/ul

RT: 27.38 min Scan# 4515

Delta R.T. -0.00 min

Lab File: BE093898.D

Acq: 28 Aug 2017 15:47

Instrument :

BNA_E

ClientSampleId :

C0AH2DL

Tgt	Ion	Ratio	Resp:	Lower	Upper
276	100		41172		
138	28.6	21.8	32.8		
277	27.6	20.5	30.7		

Manual Integrations
APPROVED

Sohil
8/28/2017 5:51:54 PM

