

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082917\
 Data File : BE093897.D
 Acq On : 28 Aug 2017 15:00
 Operator : SJ/JU
 Sample : I4687-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2

Manual Integrations
 APPROVED

Sohil
 8/28/2017 5:51:52 PM

Quant Time: Aug 28 16:01:21 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	7.91	152	2211	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11423	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14173	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14103	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	10707m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4906	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11476	0.26	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.75	128	135198	4.866	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	127877	6.309	ng/ul	98
7) Acenaphthylene	14.24	152	22006	0.705	ng/ul#	92
8) Acenaphthene	14.58	153	14306	0.583	ng/ul	97
9) Fluorene	15.57	166	10774	0.347	ng/ul#	87
12) Phenanthrene	17.29	178	276368	7.160	ng/ul#	91
13) Anthracene	17.38	178	57601	1.532	ng/ul#	91
15) Fluoranthene	19.30	202	538144	11.149	ng/ul	84
17) Pyrene	19.66	202	495447	12.035	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	295403	7.225	ng/ul#	88
19) Chrysene	21.45	228	308677	7.871	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	384404m	11.606	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	150736m	4.615	ng/ul	
23) Benzo(a)pyrene	23.82	252	258200m	8.196	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	179997m	5.175	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	47843m	1.646	ng/ul	
26) Benzo(g,h,i)perylene	27.41	276	182521m	6.227	ng/ul	

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

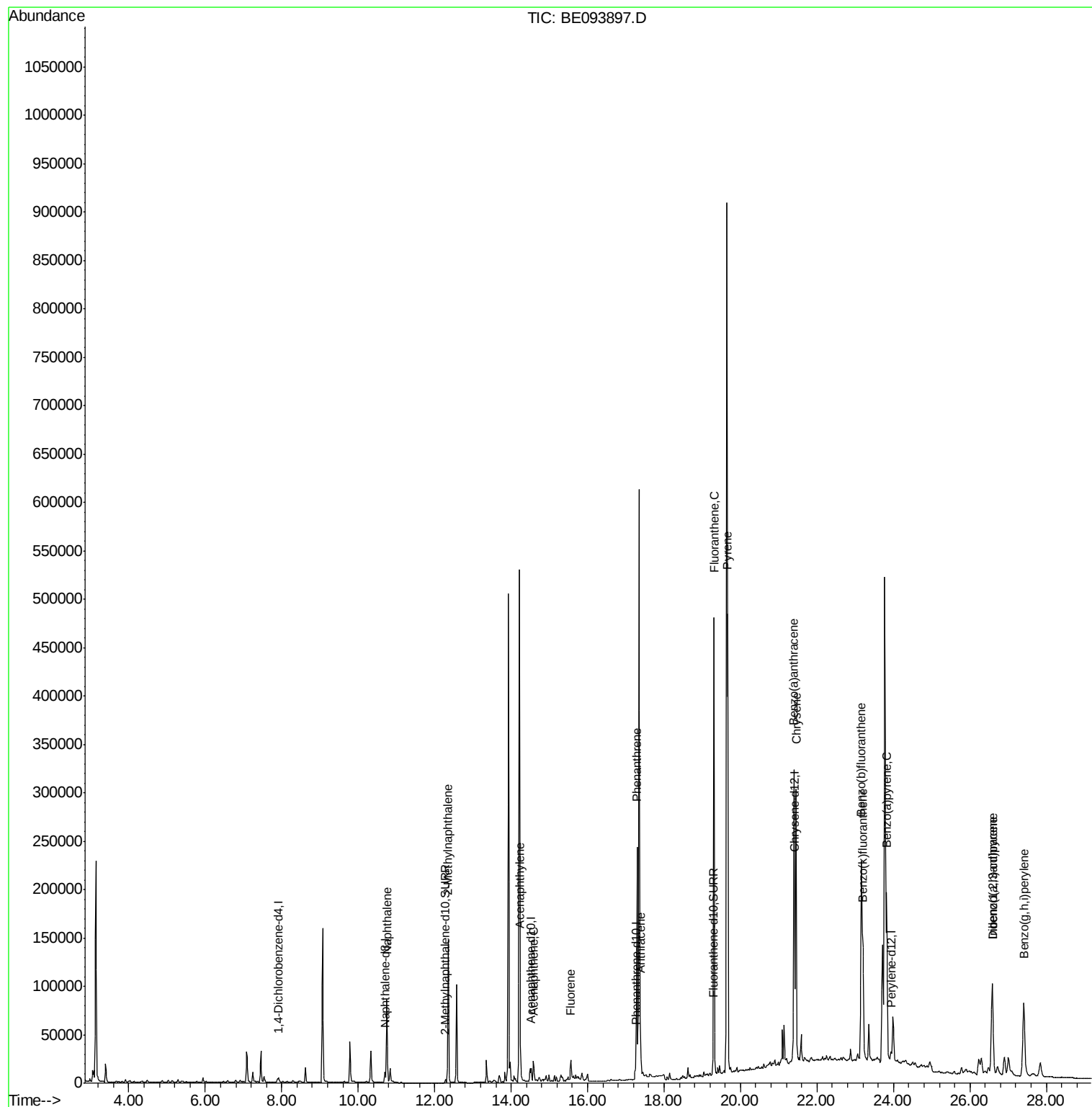
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082917\
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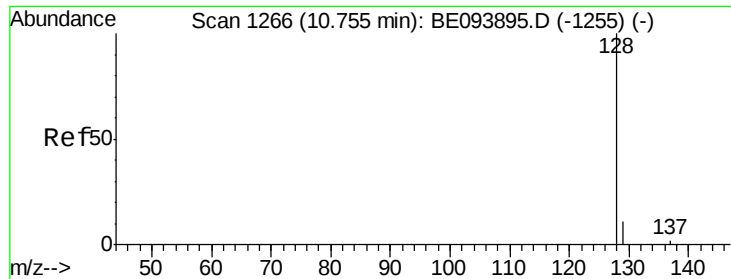
Instrument :
BNA_E
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C0AH2

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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: 4.866 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Instrument :

BNA_E

ClientSampled :

C0AH2

Tgt Ion:128 Resp: 135198

Ion Ratio Lower Upper

128 100

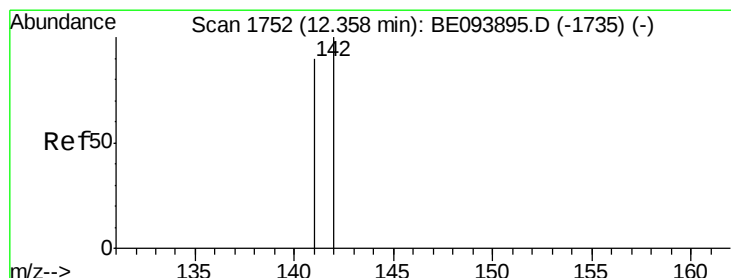
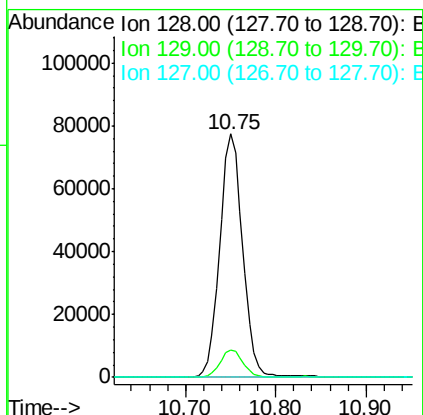
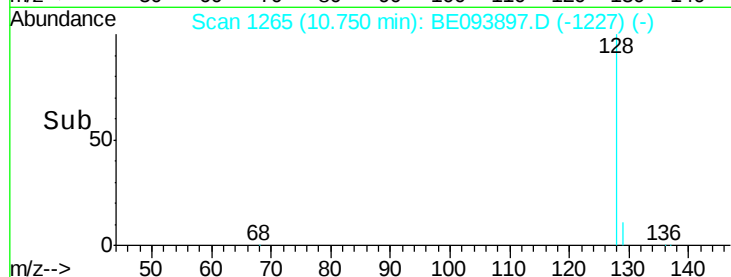
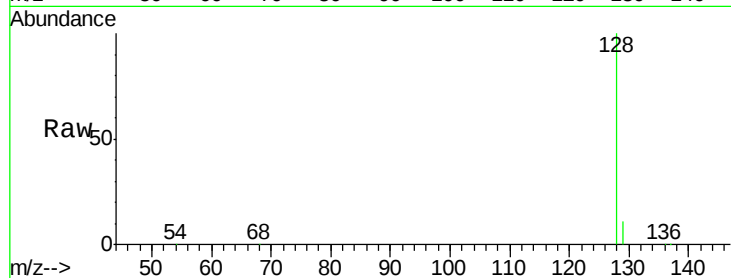
129 11.2 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 6.309 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093897.D

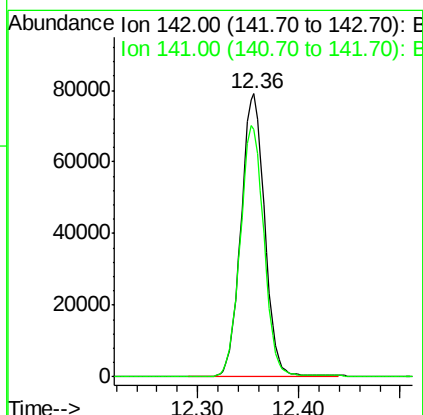
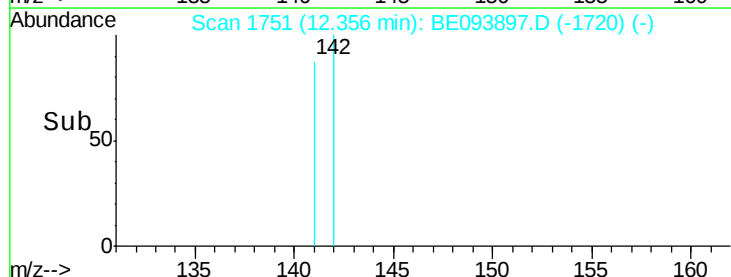
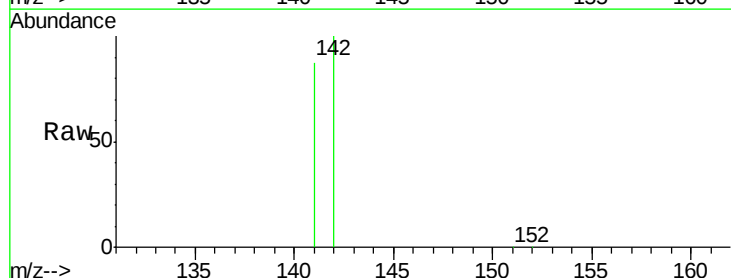
Acq: 28 Aug 2017 15:00

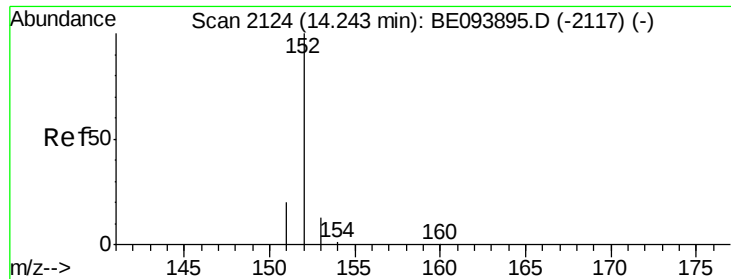
Tgt Ion:142 Resp: 127877

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8





#7

Acenaphthylene

Concen: 0.705 ng/u1

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Instrument :

BNA_E

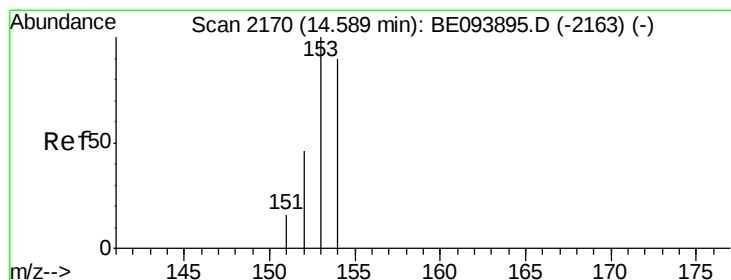
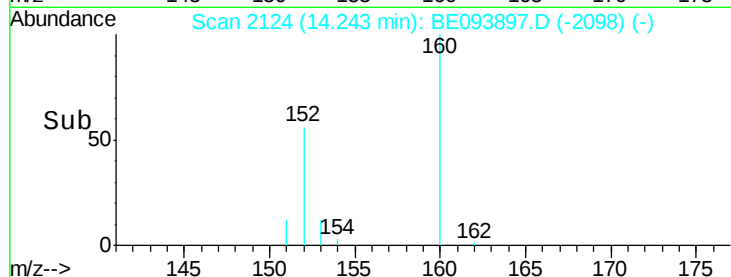
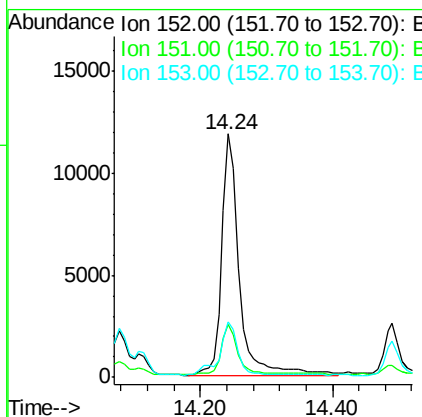
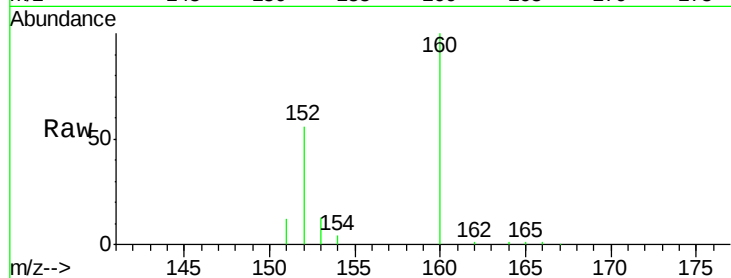
ClientSampleId :

C0AH2

Tgt Ion:	152	Resp:	22006
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	22.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.583 ng/u1

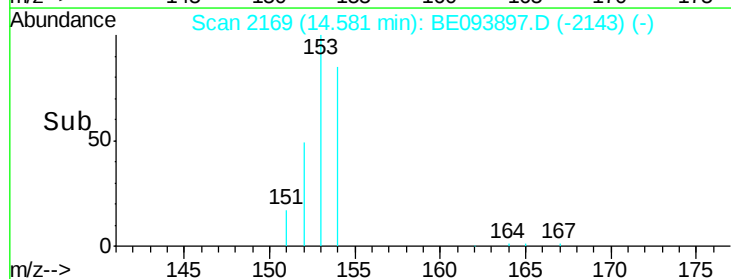
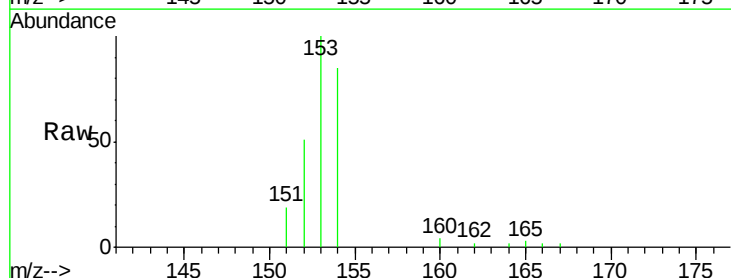
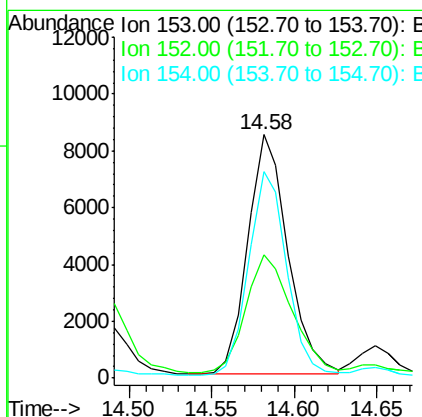
RT: 14.58 min Scan# 2169

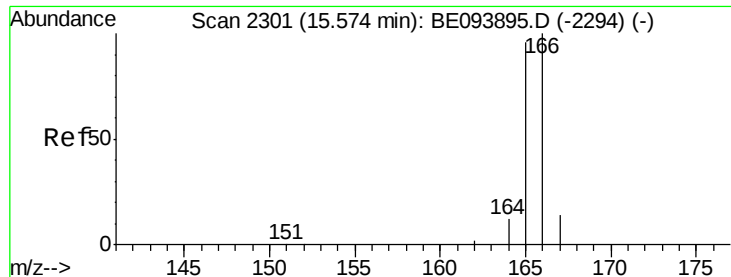
Delta R.T. -0.01 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Tgt Ion:	153	Resp:	14306
Ion Ratio	Lower	Upper	
153	100		
152	50.9	40.3	60.5
154	84.6	71.4	107.2





#9

Fluorene

Concen: 0.347 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093897.D

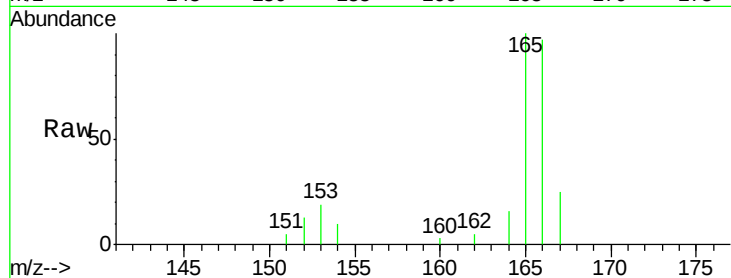
Acq: 28 Aug 2017 15:00

Instrument :

BNA_E

ClientSampled :

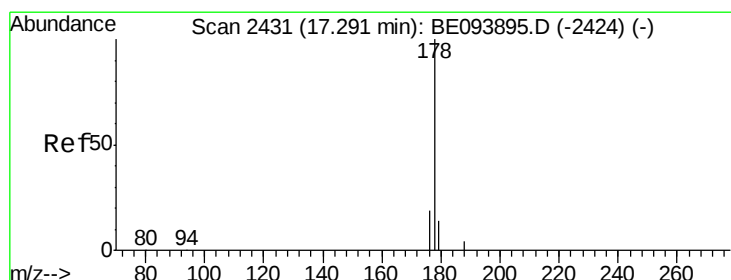
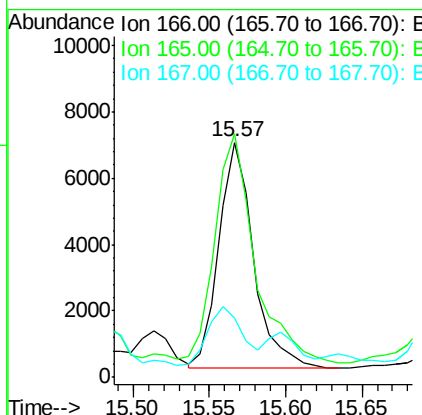
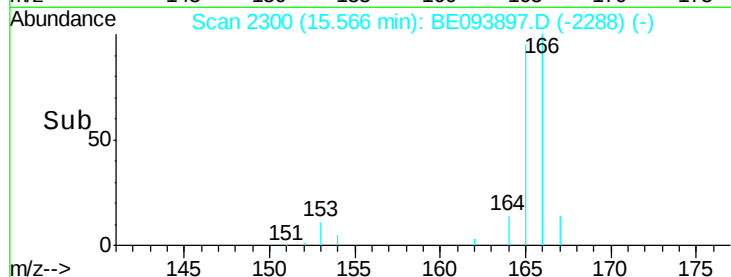
C0AH2



Tgt Ion:	166	Resp:	10774
Ion Ratio	Lower	Upper	
166	100		
165	103.6	73.4	110.2
167	25.5	14.6	22.0#

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#12

Phenanthrene

Concen: 7.160 ng/ul

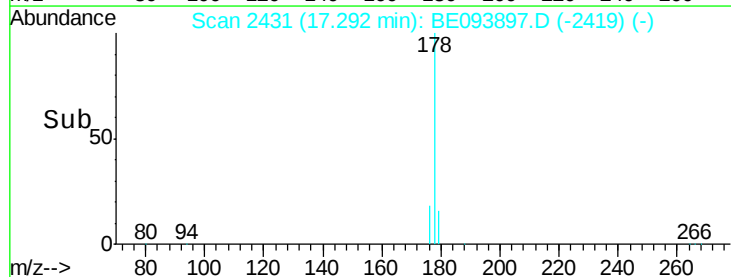
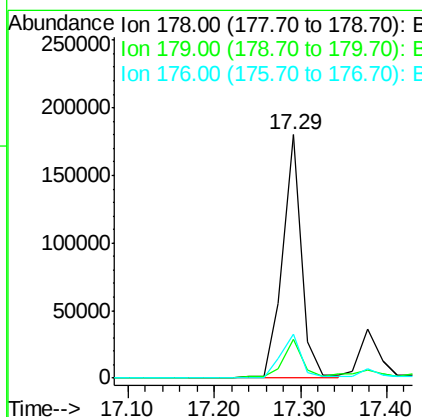
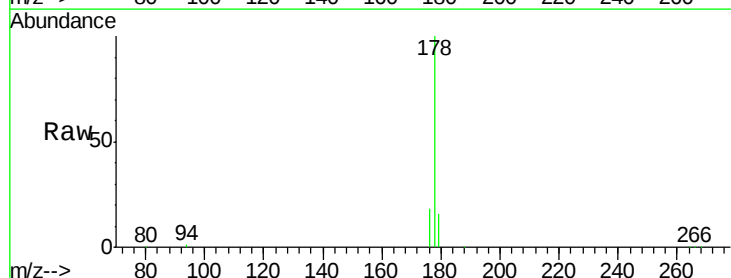
RT: 17.29 min Scan# 2431

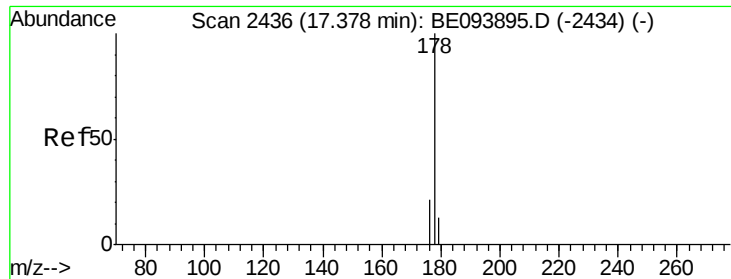
Delta R.T. -0.00 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Tgt Ion:	178	Resp:	276368
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.4	27.6#
176	18.1	13.6	20.4





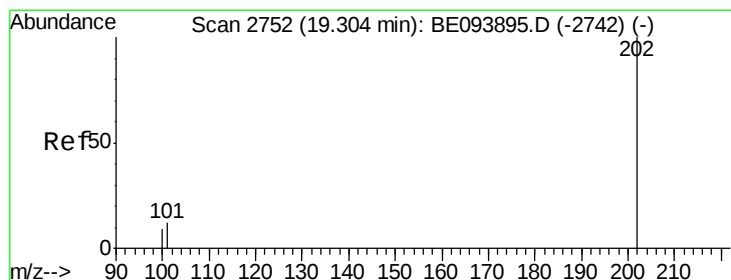
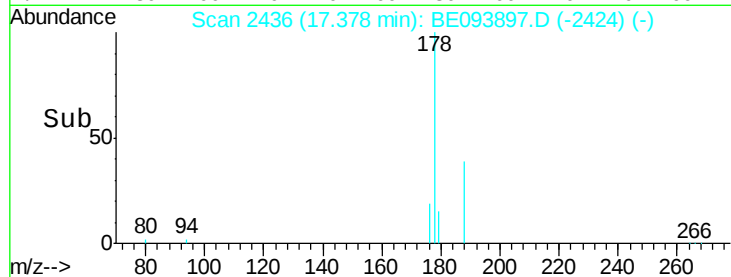
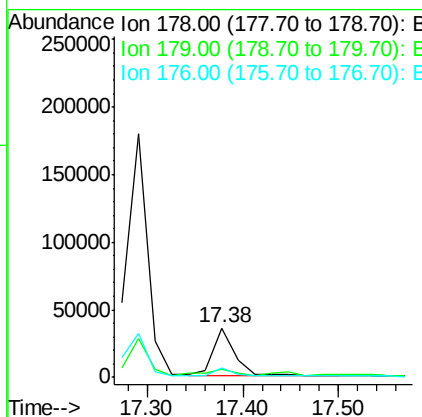
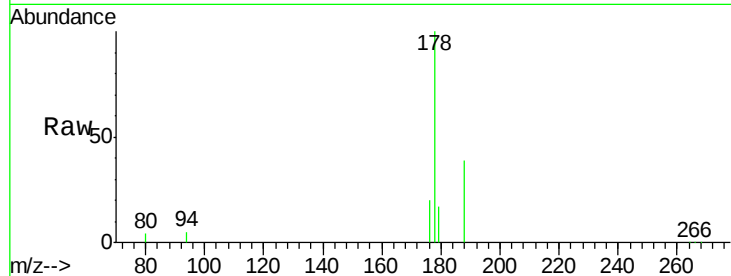
#13
 Anthracene
 Concen: 1.532 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE093897.D
 Acq: 28 Aug 2017 15:00

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2

Tgt Ion:178 Resp: 57601
 Ion Ratio Lower Upper
 178 100
 179 16.5 18.1 27.1#
 176 20.2 14.7 22.1

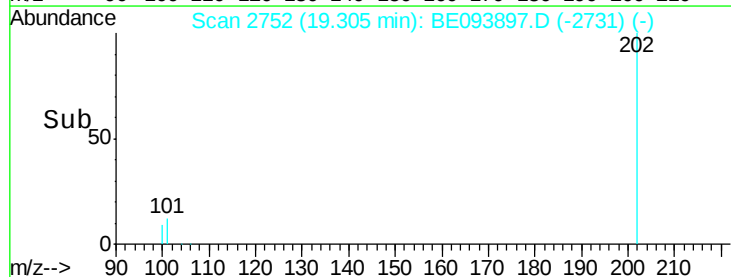
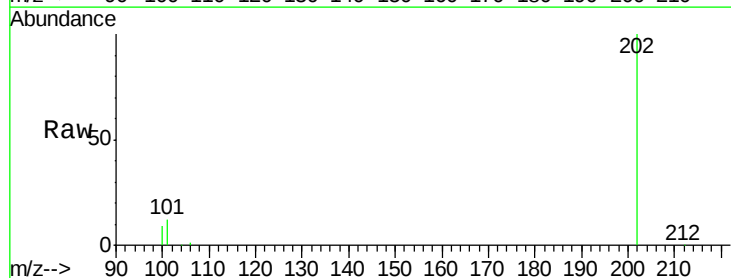
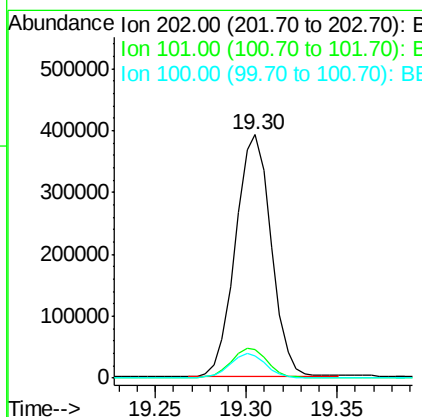
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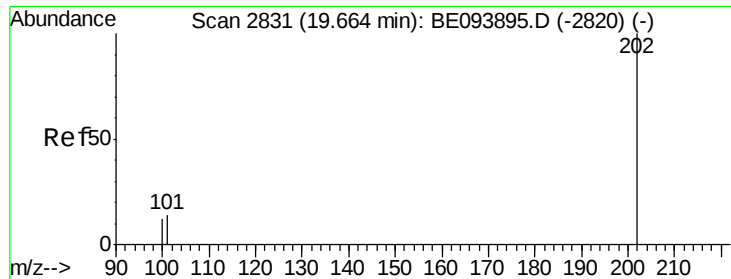
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#15
 Fluoranthene
 Concen: 11.149 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE093897.D
 Acq: 28 Aug 2017 15:00

Tgt Ion:202 Resp: 538144
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 30.3
 100 9.3 0.0 39.5





#17

Pyrene

Concen: 12.035 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Instrument :

BNA_E

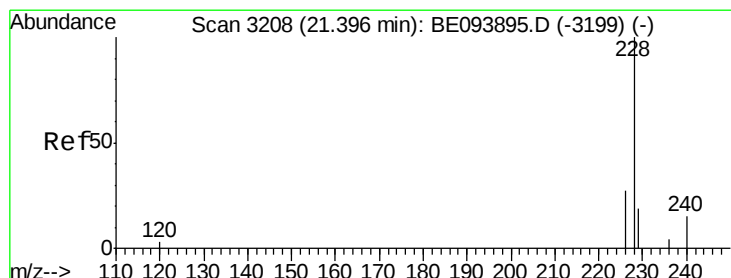
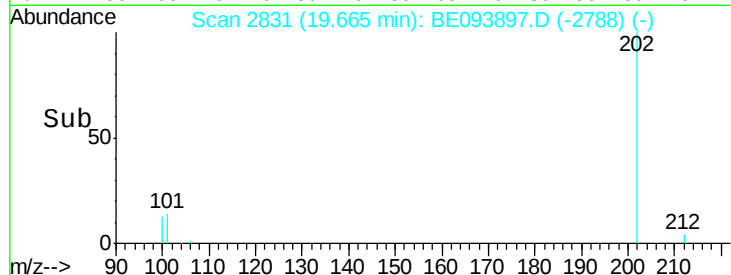
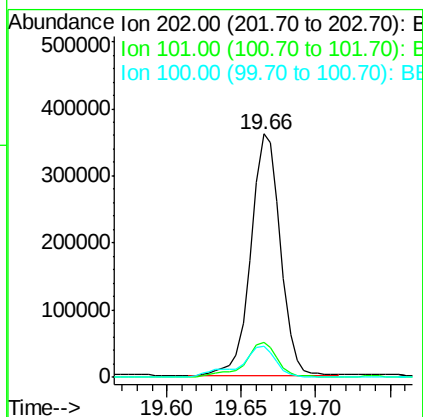
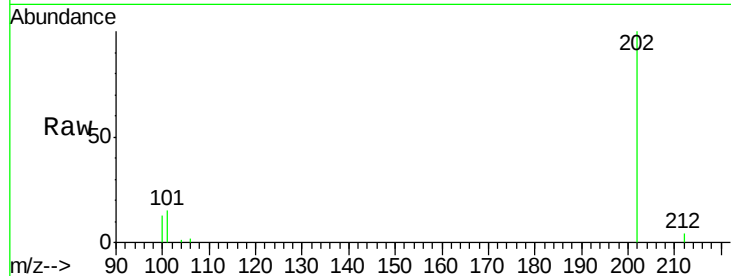
ClientSampled :

C0AH2

Tgt Ion:	202	Resp:	495447
Ion Ratio	Lower	Upper	
202	100		
101	14.5	18.2	27.4#
100	12.7	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 7.225 ng/ul

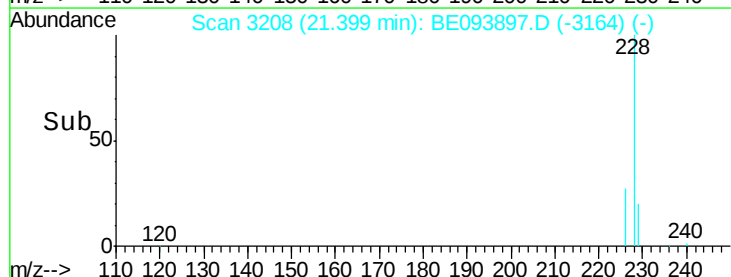
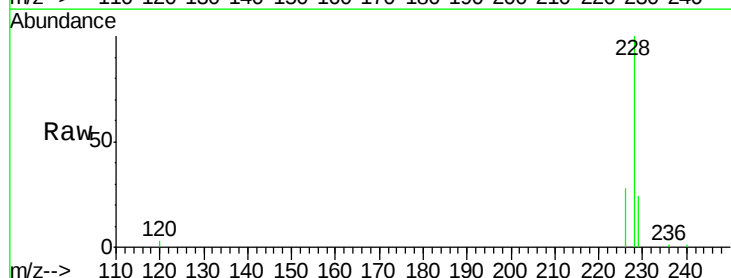
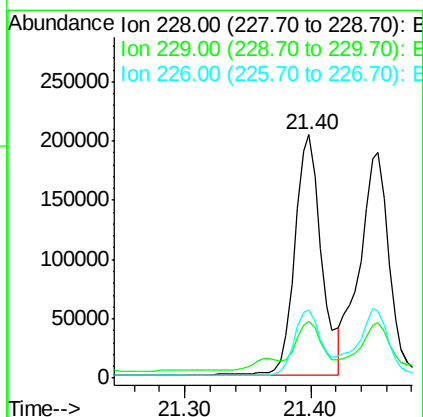
RT: 21.40 min Scan# 3208

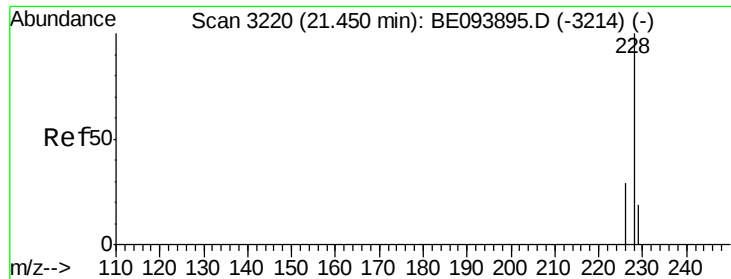
Delta R.T. -0.00 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Tgt Ion:	228	Resp:	295403
Ion Ratio	Lower	Upper	
228	100		
229	23.5	22.8	34.2
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 7.871 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Instrument :

BNA_E

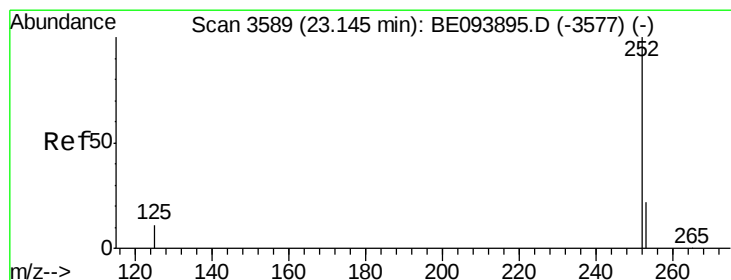
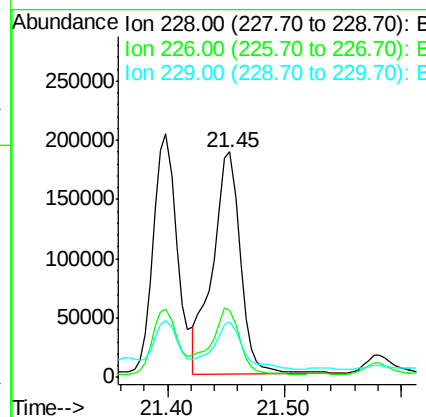
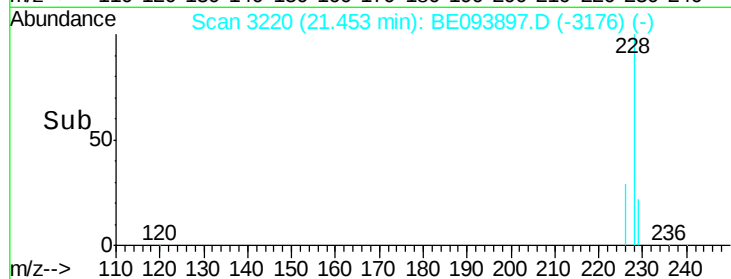
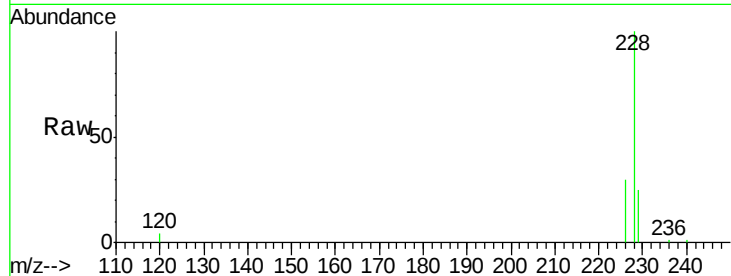
ClientSampled :

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Tgt Ion:	228	Resp:	308677
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	24.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 11.606 ng/ul m

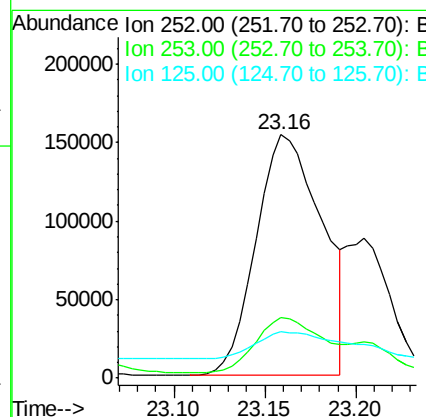
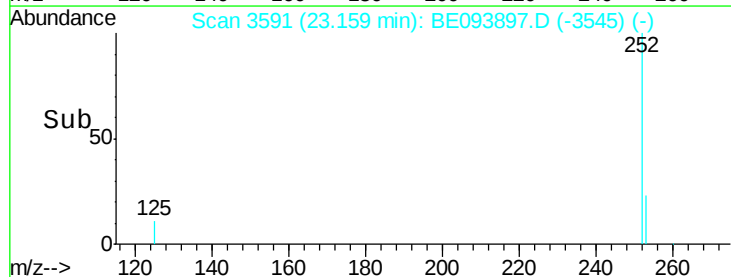
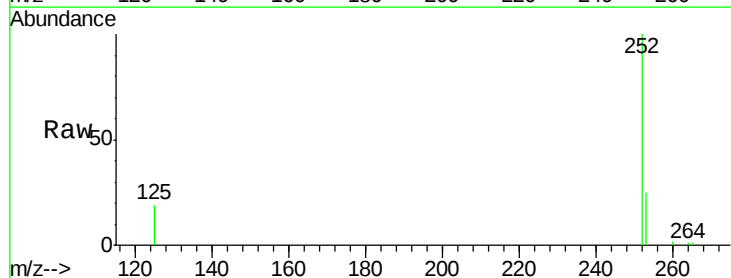
RT: 23.16 min Scan# 3591

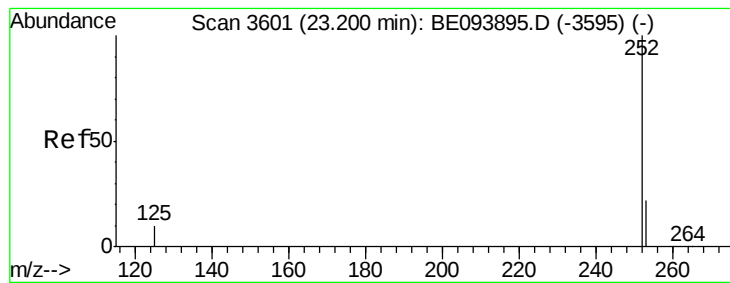
Delta R.T. 0.01 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

Tgt Ion:	252	Resp:	384404
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	64.2
125	19.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.615 ng/ul m

RT: 23.20 min Scan# 3601

Delta R.T. 0.01 min

Lab File: BE093897.D

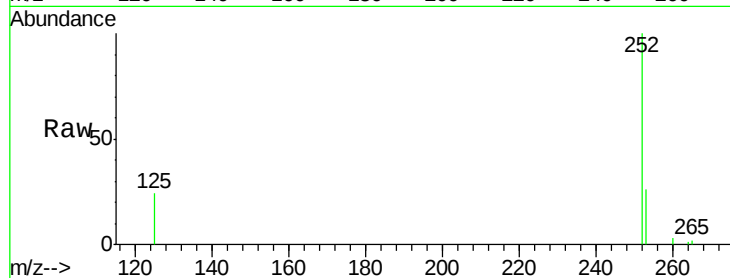
Acq: 28 Aug 2017 15:00

Instrument :

BNA_E

ClientSampleId :

C0AH2



Tgt Ion: 252 Resp: 150736

Ion Ratio Lower Upper

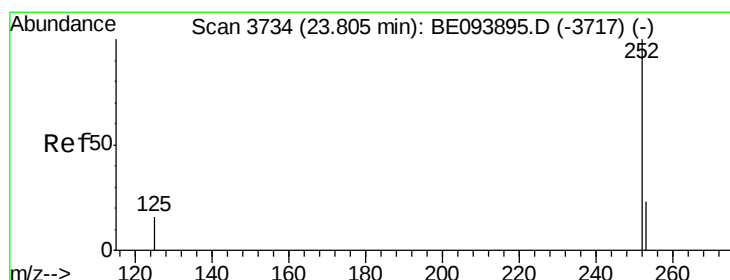
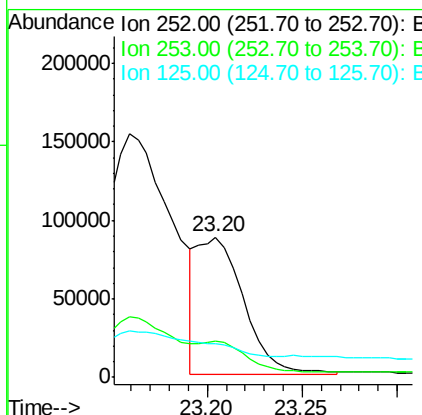
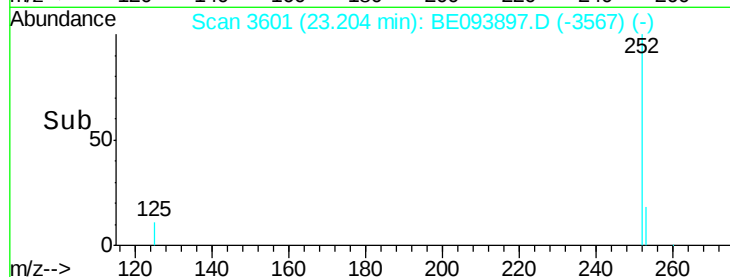
252 100

253 26.2 24.5 36.7

125 24.1 13.7 20.5#

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#23

Benzo(a)pyrene

Concen: 8.196 ng/ul m

RT: 23.82 min Scan# 3736

Delta R.T. 0.01 min

Lab File: BE093897.D

Acq: 28 Aug 2017 15:00

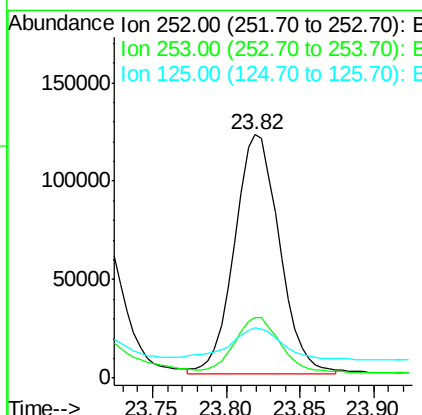
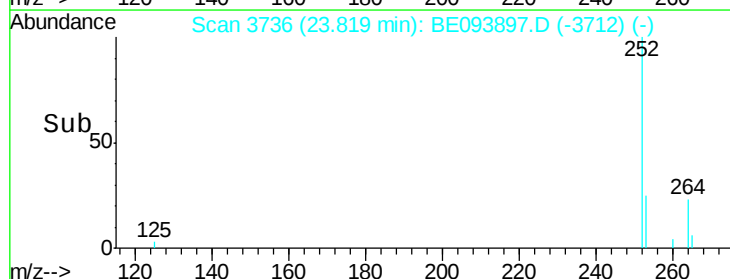
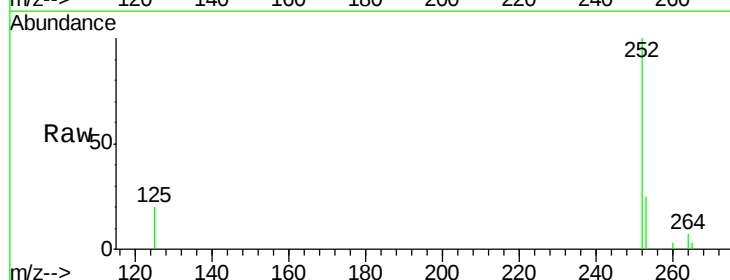
Tgt Ion: 252 Resp: 258200

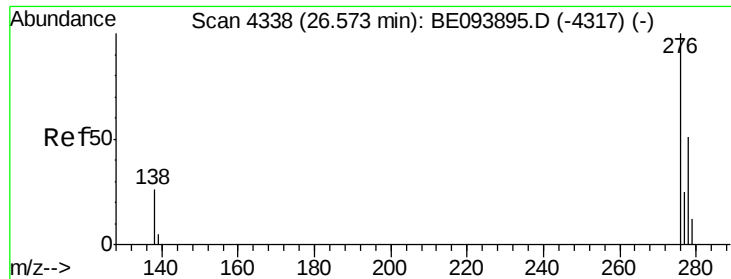
Ion Ratio Lower Upper

252 100

253 24.7 28.5 42.7#

125 20.4 18.1 27.1





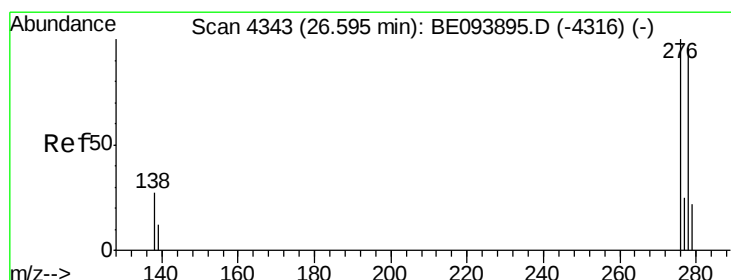
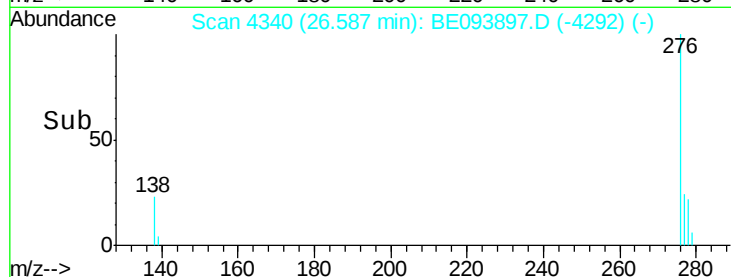
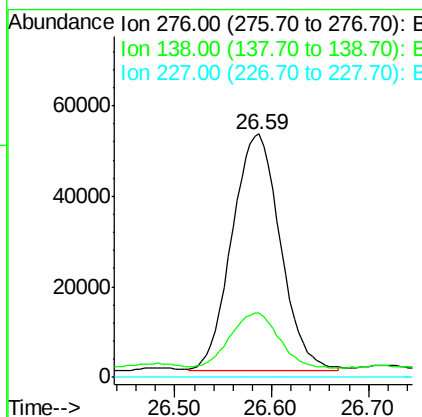
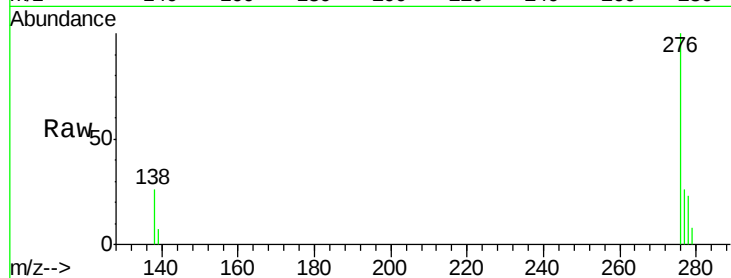
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.175 ng/ul m
 RT: 26.59 min Scan# 4340
 Delta R.T. 0.02 min
 Lab File: BE093897.D
 Acq: 28 Aug 2017 15:00

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#

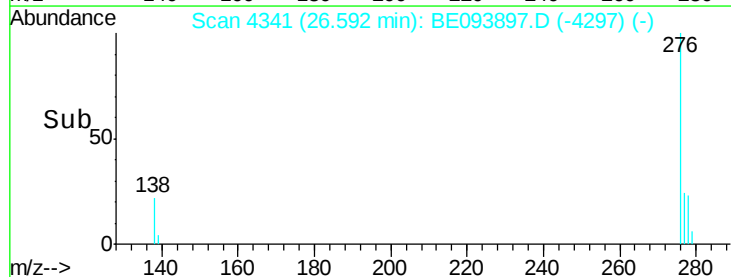
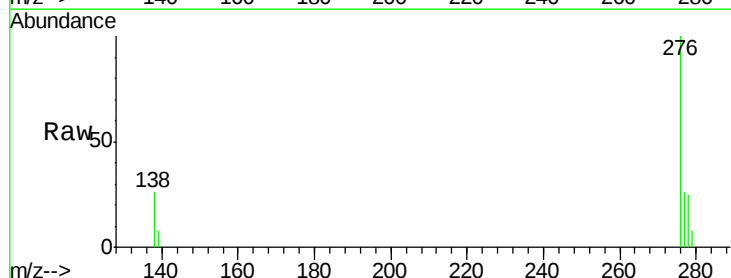
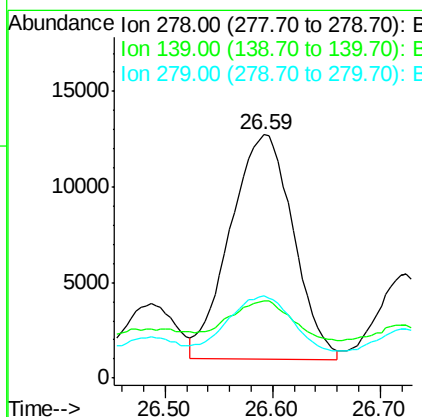
Manual Integrations
 APPROVED

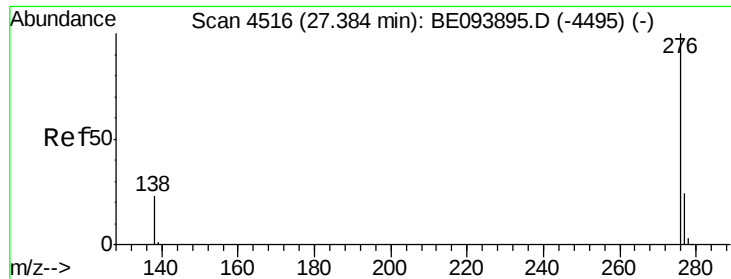
Sohil
 8/28/2017 5:51:52 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.646 ng/ul m
 RT: 26.59 min Scan# 4341
 Delta R.T. -0.00 min
 Lab File: BE093897.D
 Acq: 28 Aug 2017 15:00

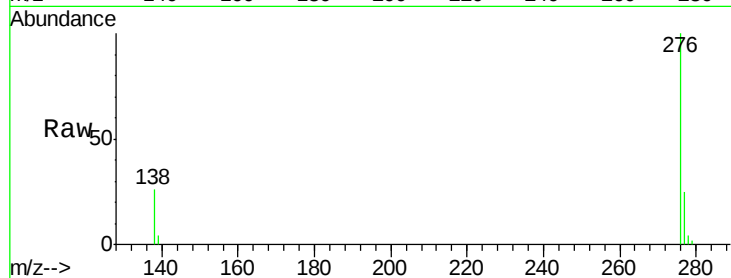
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	32.0	17.4	26.0#
279	33.7	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 6.227 ng/ul m
 RT: 27.41 min Scan# 4520
 Delta R.T. 0.02 min
 Lab File: BE093897.D
 Acq: 28 Aug 2017 15:00

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	26.0	21.8	32.8	
277	25.4	20.5	30.7	

Manual Integrations
 APPROVED

Sohil
 8/28/2017 5:51:52 PM

