

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
 Data File : BE093666.D
 Acq On : 4 Aug 2017 11:51
 Operator : SJ/JU
 Sample : I4373-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Manual Integrations
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Quant Time: Aug 04 16:42:03 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:09:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3044	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9527	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21144	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23064	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	25659	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4314	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11513	0.17	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	3755	0.099	ng/ul#	96
5) 2-Methylnaphthalene	12.36	142	2885	0.104	ng/ul	98
7) Acenaphthylene	14.25	152	2577	0.065	ng/ul	95
8) Acenaphthene	14.59	153	891	0.028	ng/ul	95
9) Fluorene	15.57	166	1553	0.039	ng/ul#	93
12) Phenanthrene	17.29	178	44349	0.770	ng/ul#	90
13) Anthracene	17.38	178	8464	0.151	ng/ul#	91
15) Fluoranthene	19.30	202	95151	1.321	ng/ul	84
17) Pyrene	19.66	202	87892	1.306	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	59418	0.889	ng/ul#	87
19) Chrysene	21.44	228	64559	1.007	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	89670m	1.130	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	30364m	0.388	ng/ul	
23) Benzo(a)pyrene	23.80	252	60989	0.808	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.55	276	46622	0.559	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.55	278	13449	0.193	ng/ul#	86
26) Benzo(g,h,i)perylene	27.36	276	66333	0.944	ng/ul	98

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

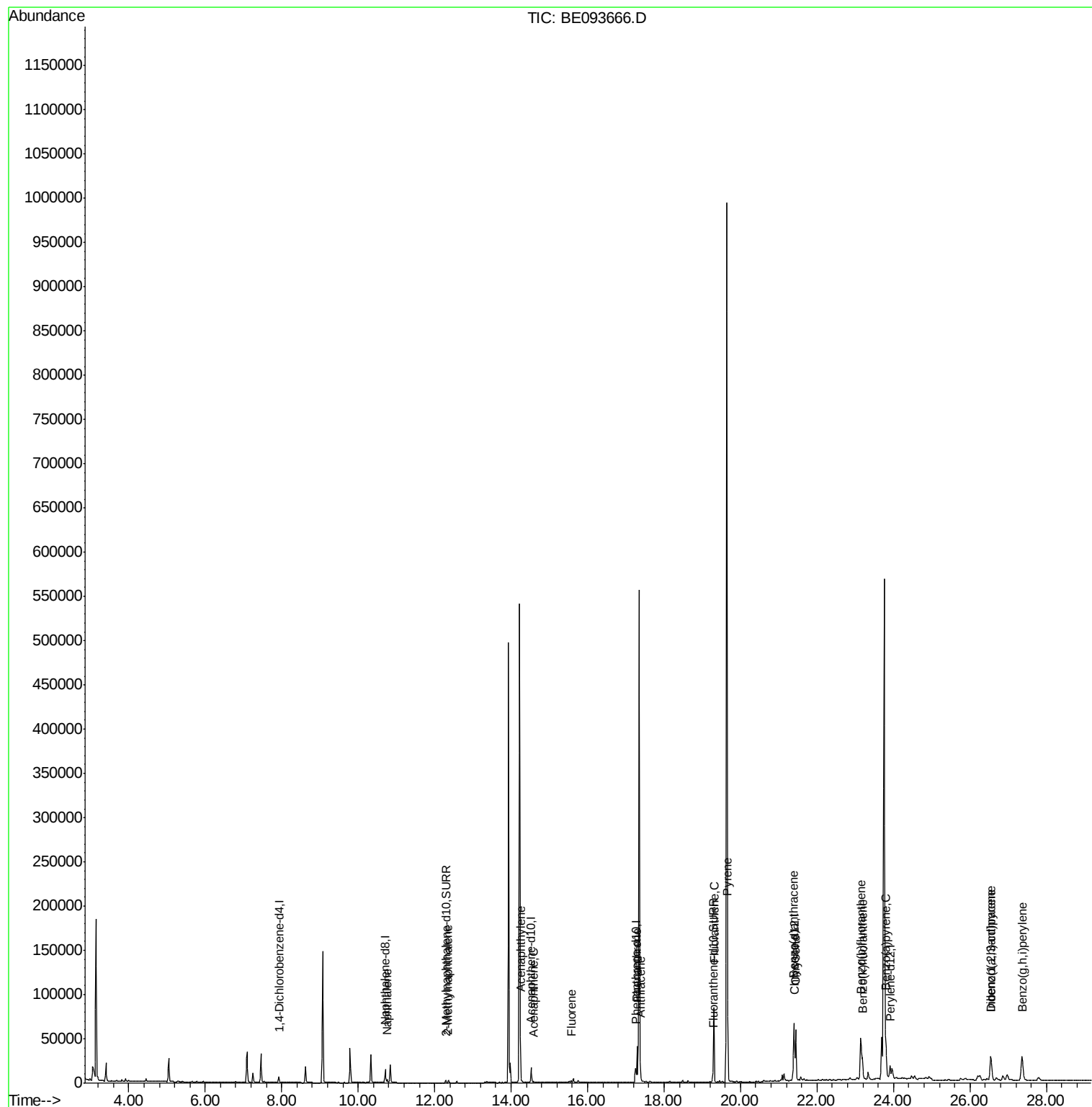
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
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ALS Vial : 6 Sample Multiplier: 1

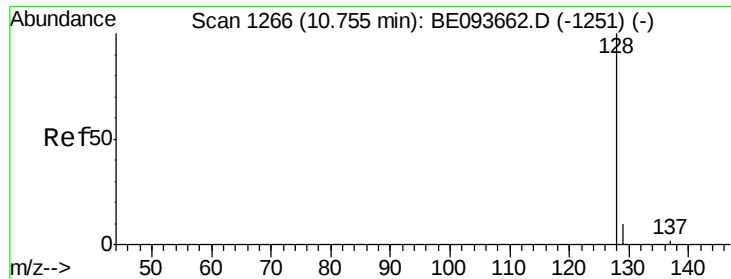
Instrument :
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Quant Time: Aug 04 16:42:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Fri Aug 04 16:09:39 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.099 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Instrument :

BNA_E

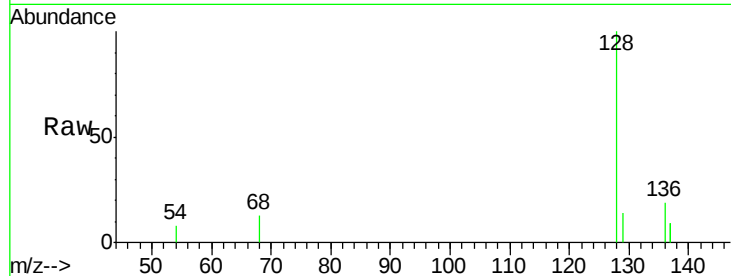
ClientSampled :

C0AA5

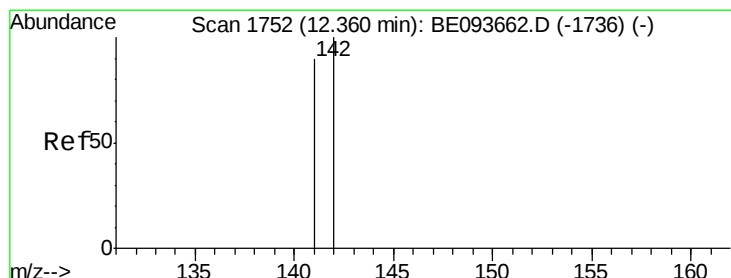
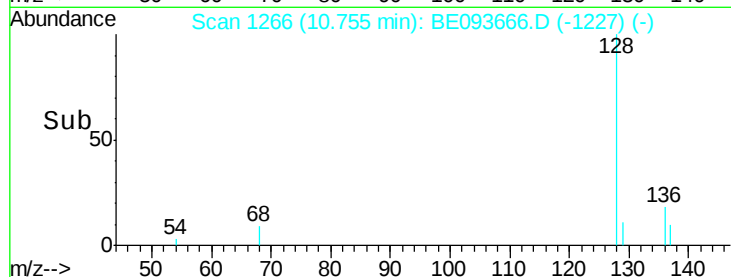
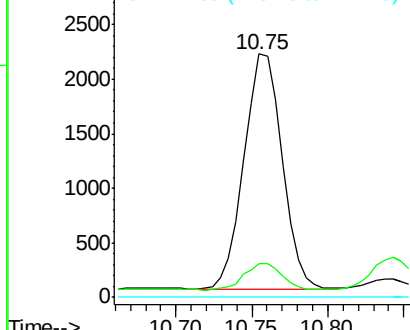
Tgt Ion:	128	Resp:	3755
Ion Ratio	Lower	Upper	
128	100		
129	14.1	11.3	16.9
127	0.0	4.0	6.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.104 ng/ul

RT: 12.36 min Scan# 1752

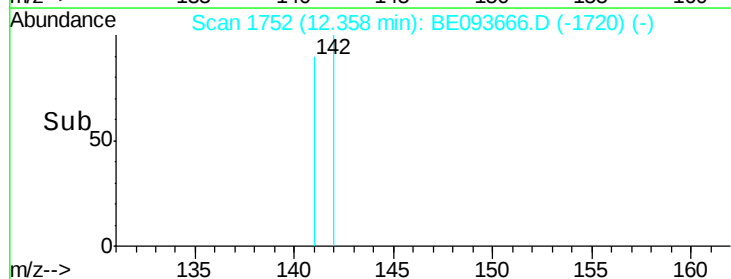
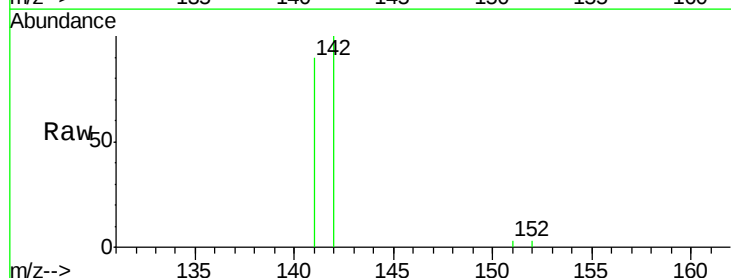
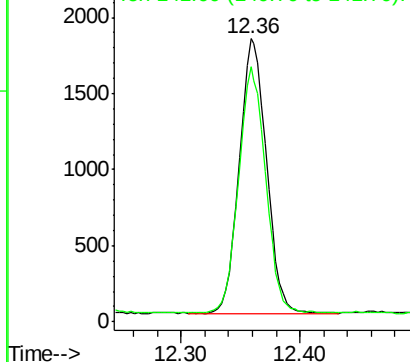
Delta R.T. -0.00 min

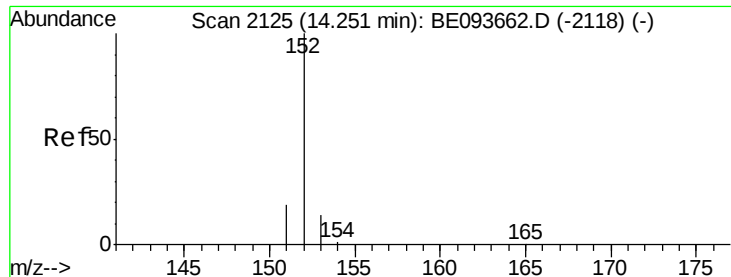
Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Tgt Ion:	142	Resp:	2885
Ion Ratio	Lower	Upper	
142	100		
141	88.6	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.065 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Instrument :

BNA_E

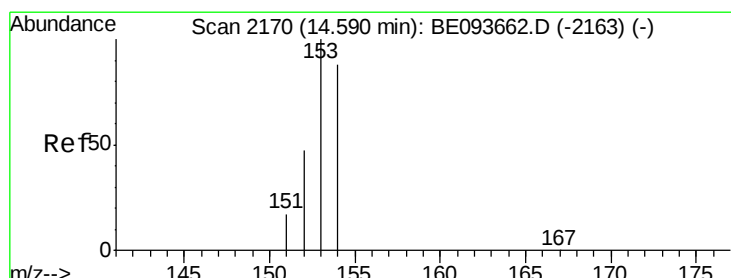
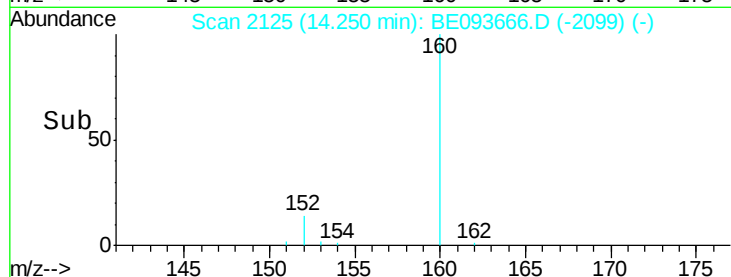
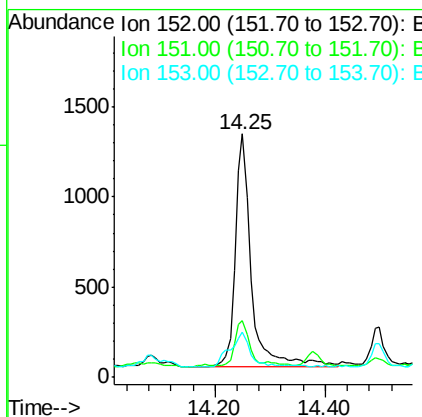
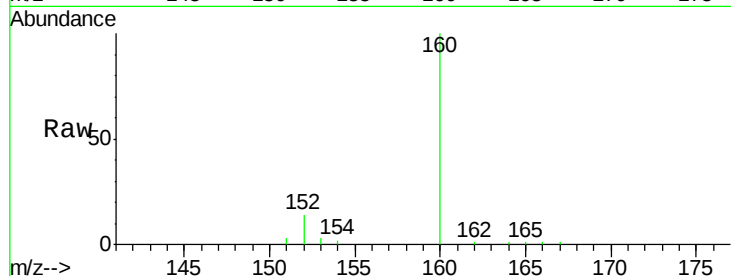
ClientSampleId :

C0AA5

Tgt Ion:	152	Resp:	2577
Ion Ratio	Lower	Upper	
152	100		
151	23.3	17.1	25.7
153	18.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.028 ng/ul

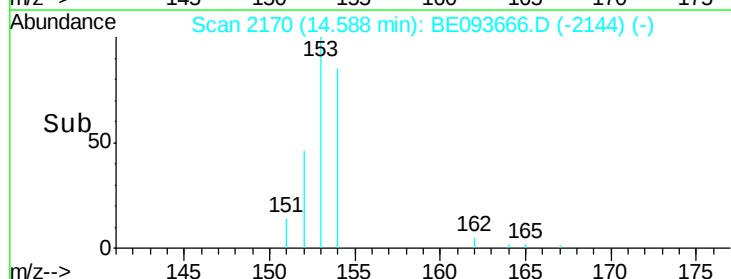
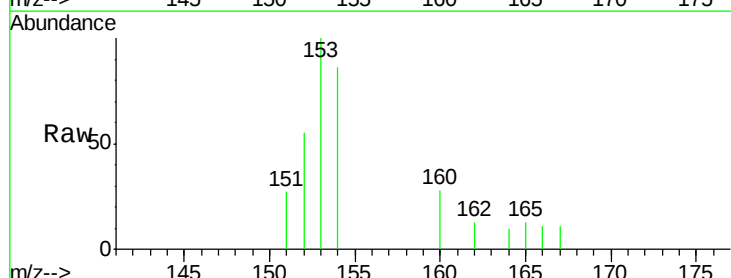
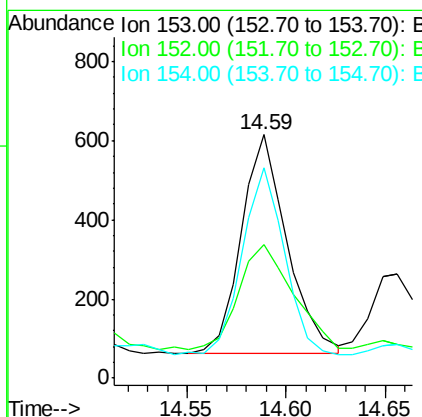
RT: 14.59 min Scan# 2170

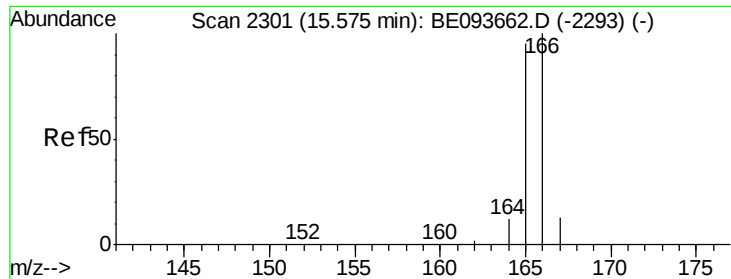
Delta R.T. -0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Tgt Ion:	153	Resp:	891
Ion Ratio	Lower	Upper	
153	100		
152	55.1	40.3	60.5
154	86.2	71.4	107.2





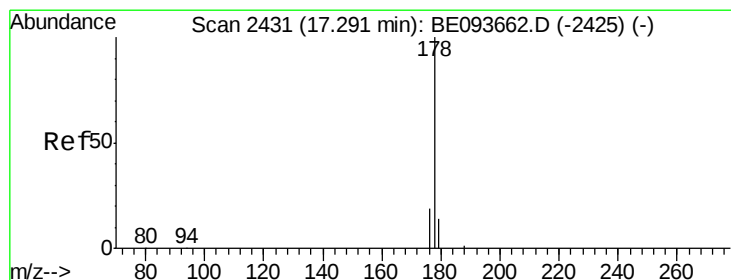
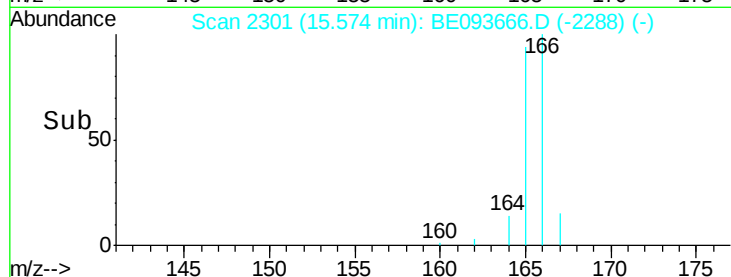
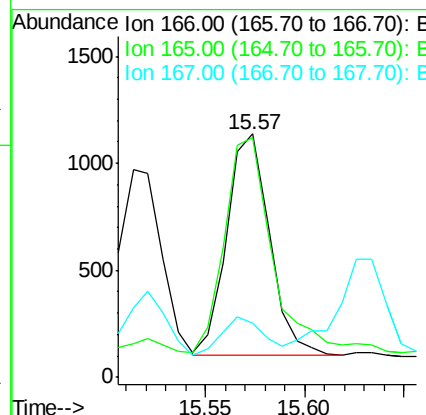
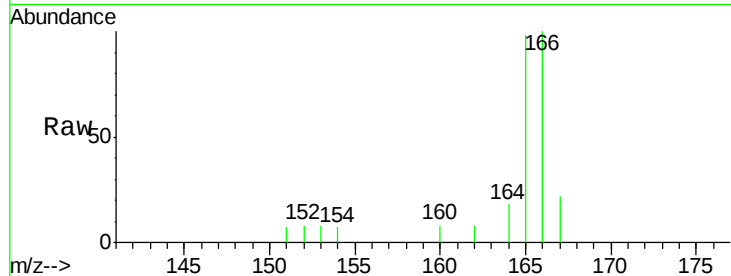
#9
Fluorene
 Concen: 0.039 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BE093666.D
 Acq: 4 Aug 2017 11:51

Instrument :
 BNA_E
 ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	73.4	110.2
167	22.1	14.6	22.0

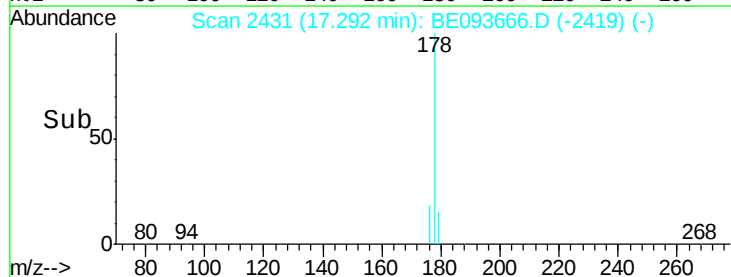
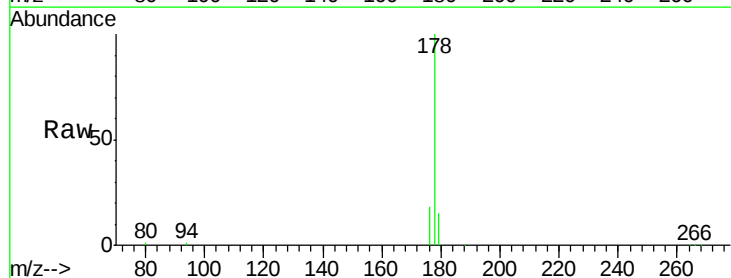
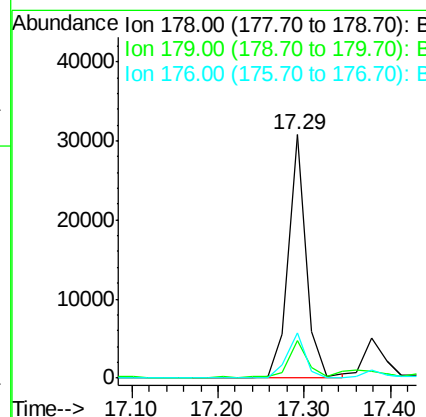
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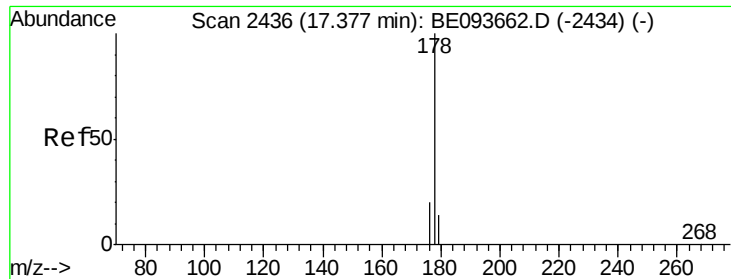
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#12
Phenanthrene
 Concen: 0.770 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093666.D
 Acq: 4 Aug 2017 11:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6
176	18.5	13.6	20.4





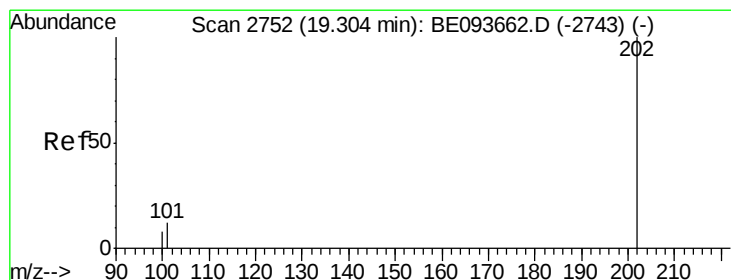
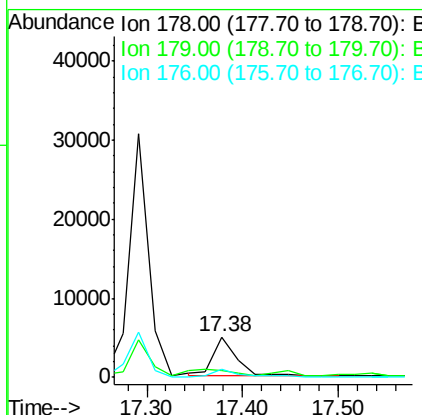
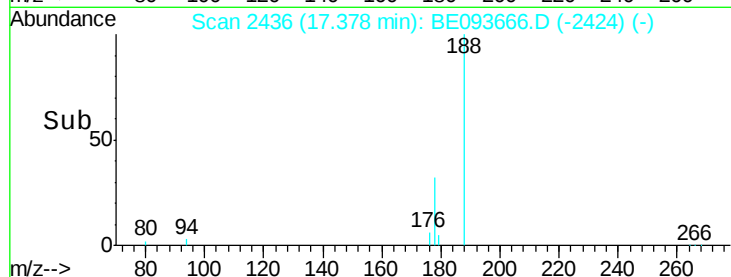
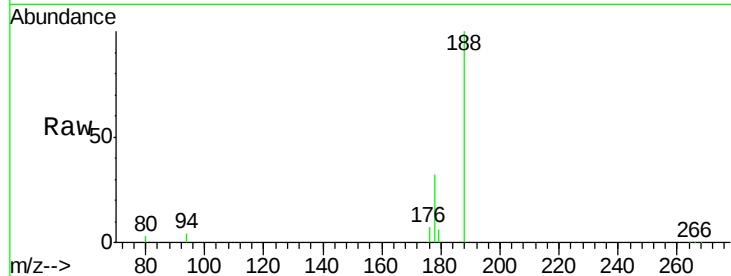
#13
 Anthracene
 Concen: 0.151 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093666.D
 Acq: 4 Aug 2017 11:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	21.0	14.7	22.1

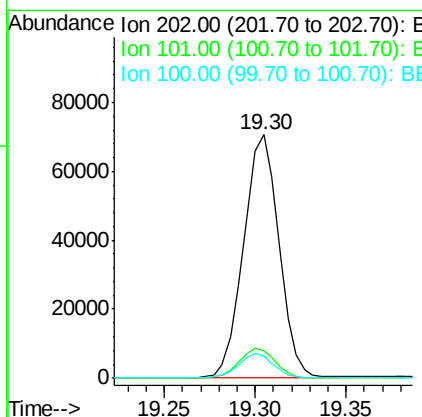
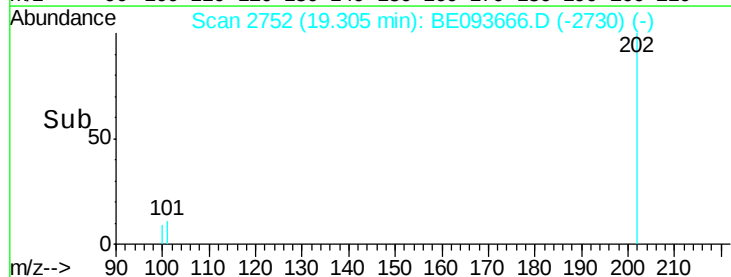
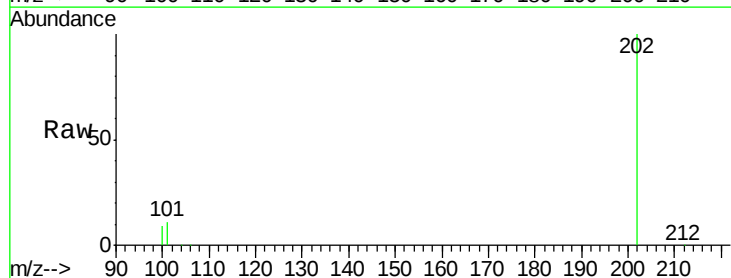
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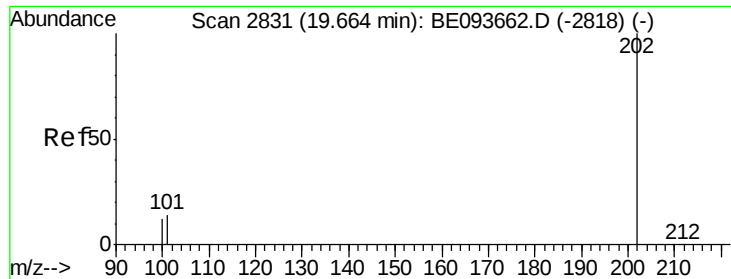
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#15
 Fluoranthene
 Concen: 1.321 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE093666.D
 Acq: 4 Aug 2017 11:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	9.0	0.0	39.5





#17

Pyrene

Concen: 1.306 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Instrument :

BNA_E

ClientSampled :

C0AA5

Tgt Ion:202 Resp: 87892

Ion Ratio Lower Upper

202 100

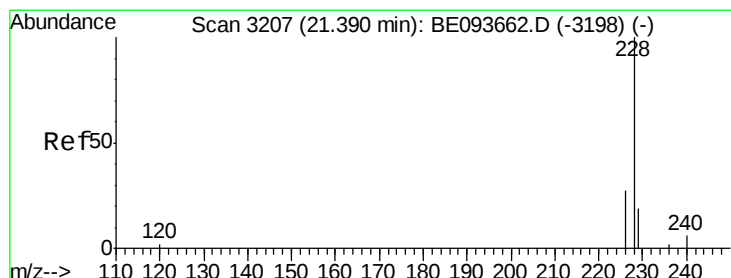
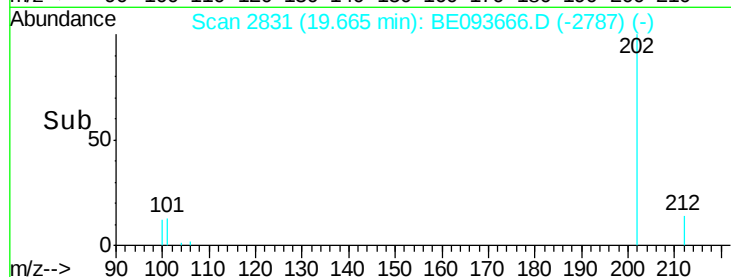
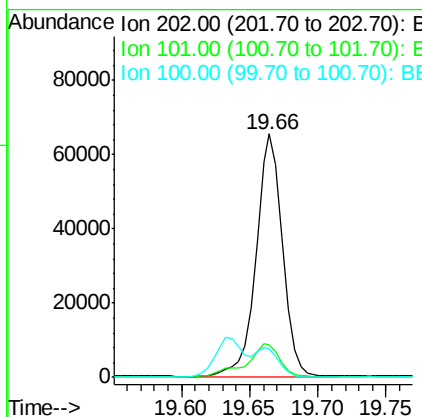
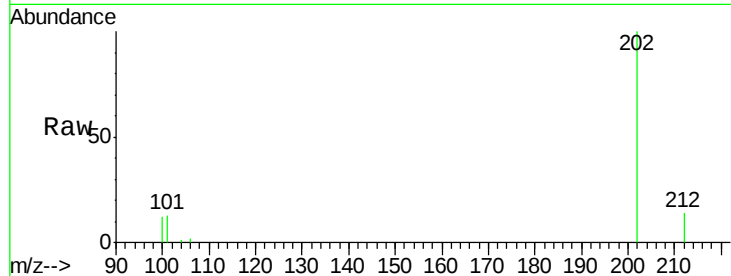
101 13.5 18.2 27.4#

100 11.6 15.6 23.4#

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#18

Benzo(a)anthracene

Concen: 0.889 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

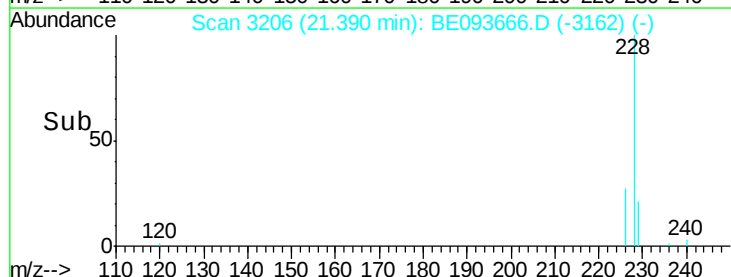
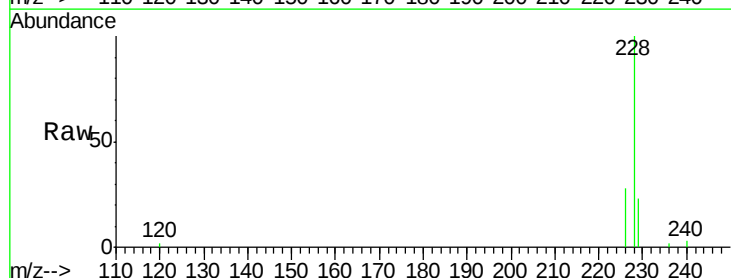
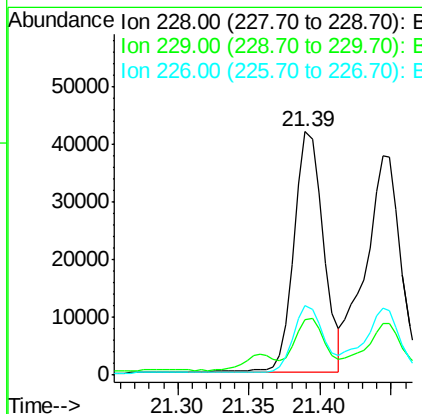
Tgt Ion:228 Resp: 59418

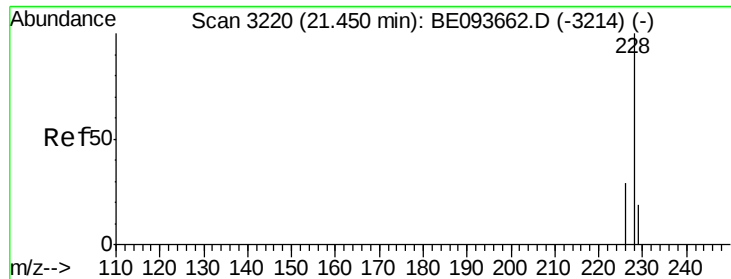
Ion Ratio Lower Upper

228 100

229 22.9 22.8 34.2

226 28.5 17.0 25.6#





#19

Chrysene

Concen: 1.007 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Instrument :

BNA_E

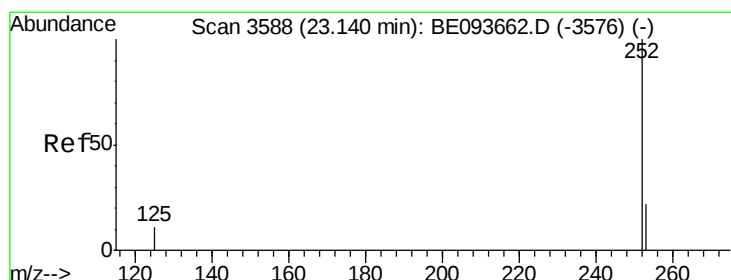
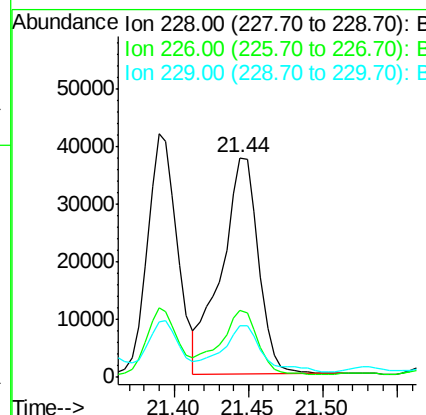
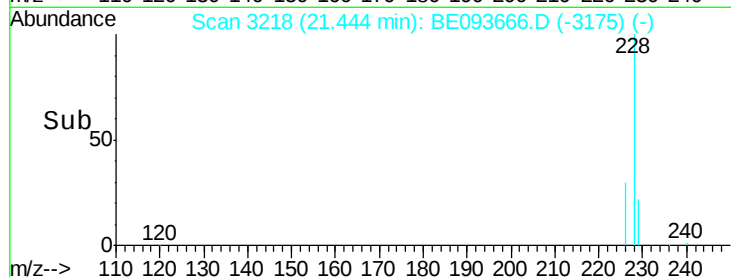
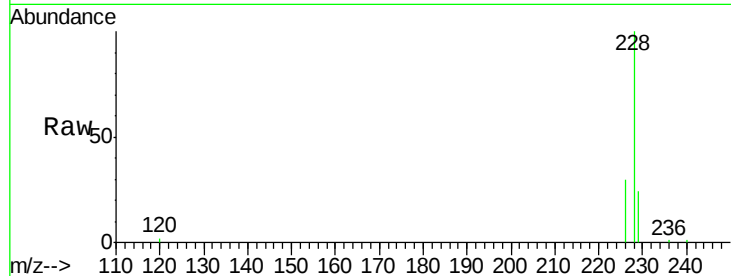
ClientSampled :

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Tgt Ion:	228	Resp:	64559
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	23.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.130 ng/ul m

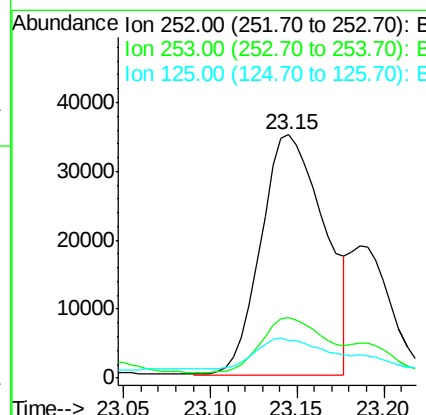
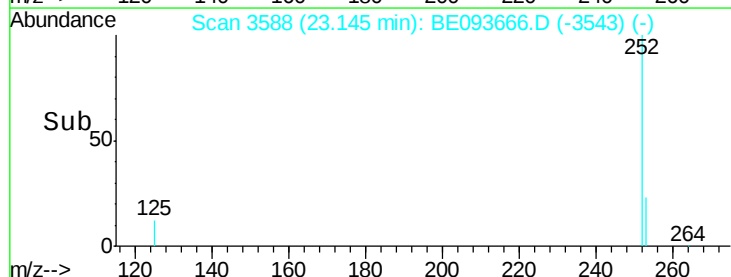
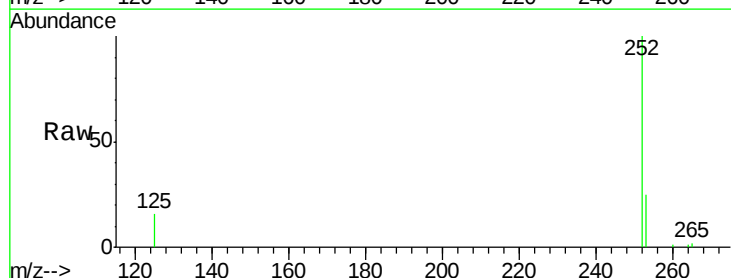
RT: 23.15 min Scan# 3588

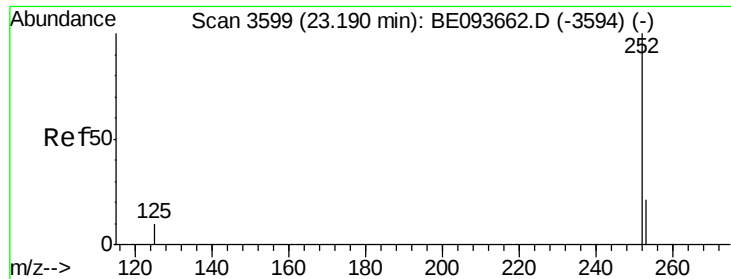
Delta R.T. 0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Tgt Ion:	252	Resp:	89670
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	64.2
125	15.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.388 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Instrument :

BNA_E

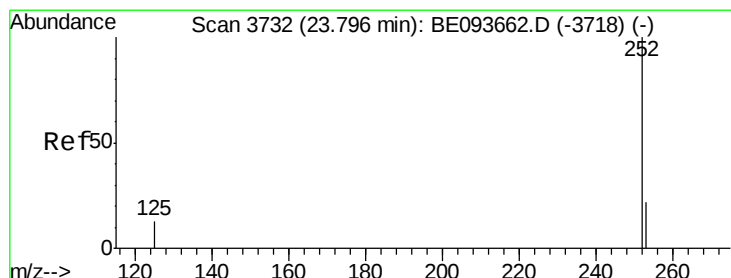
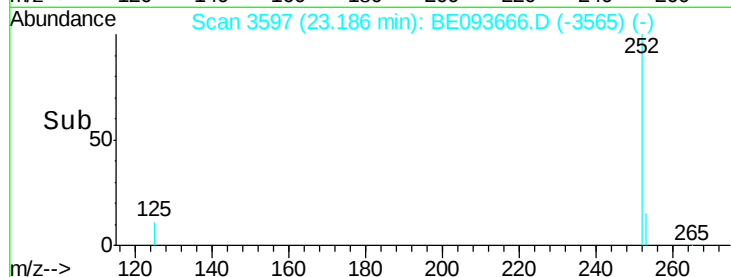
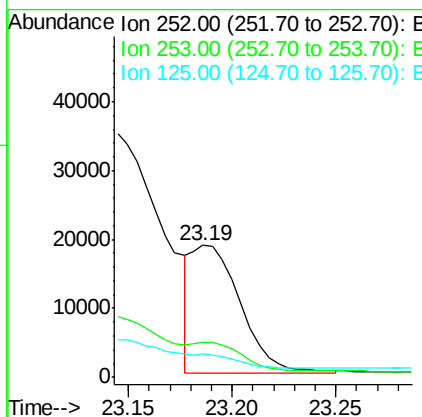
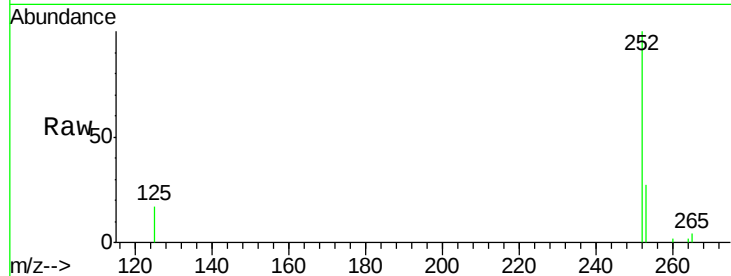
ClientSampleId :

C0AA5

Tgt Ion:	252	Resp:	30364
Ion Ratio	Lower	Upper	
252	100		
253	26.7	24.5	36.7
125	17.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.808 ng/ul

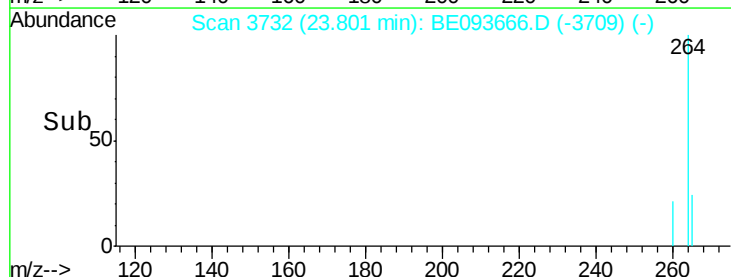
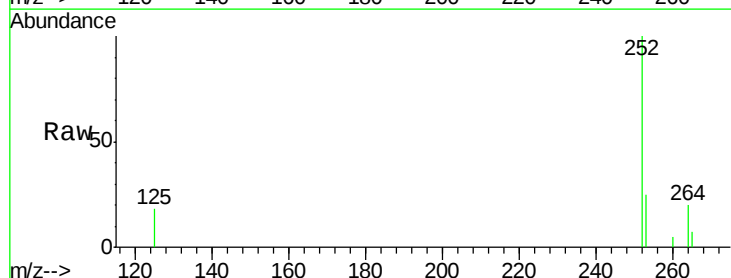
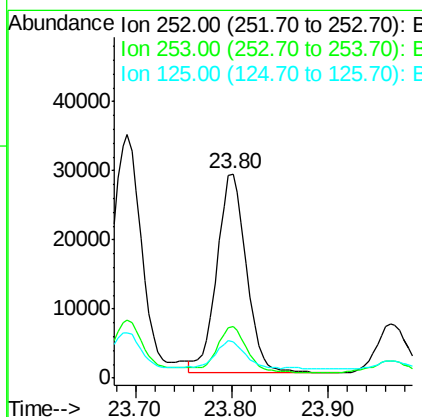
RT: 23.80 min Scan# 3732

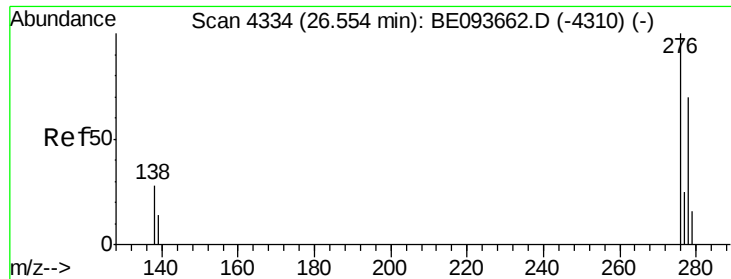
Delta R.T. 0.00 min

Lab File: BE093666.D

Acq: 4 Aug 2017 11:51

Tgt Ion:	252	Resp:	60989
Ion Ratio	Lower	Upper	
252	100		
253	25.2	28.5	42.7#
125	17.8	18.1	27.1#





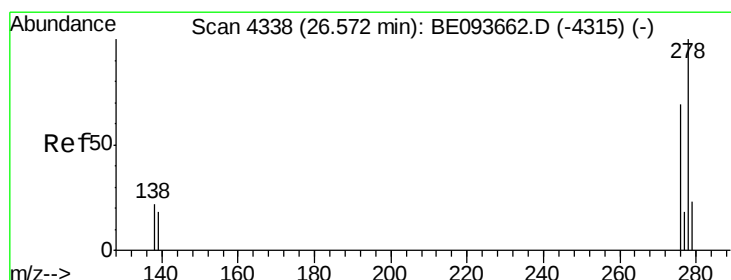
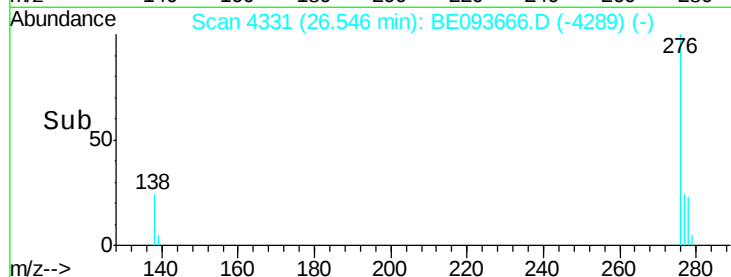
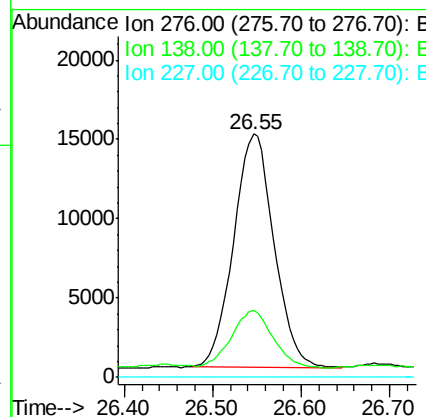
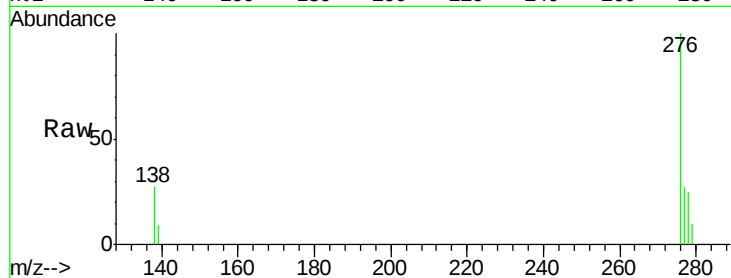
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.559 ng/ul
 RT: 26.55 min Scan# 4331
 Delta R.T. -0.01 min
 Lab File: BE093666.D
 Acq: 4 Aug 2017 11:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.9	28.0	42.0#
227	0.0	8.0	12.0#

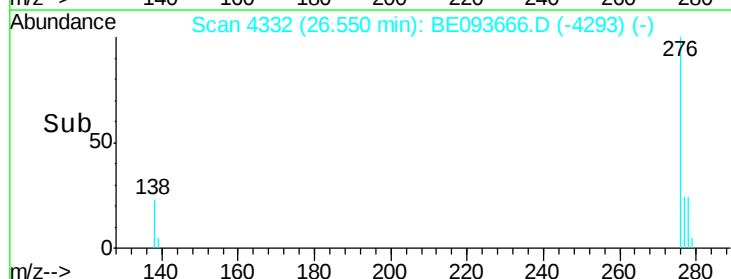
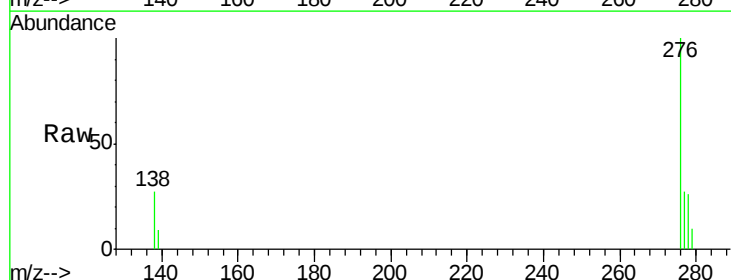
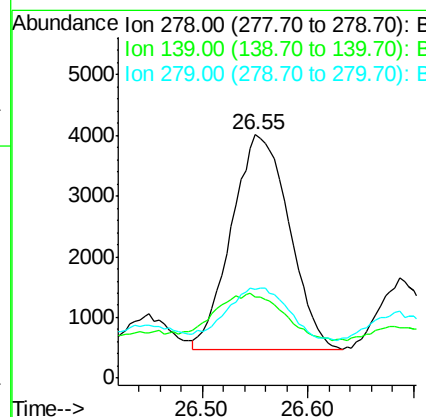
Manual Integrations
 APPROVED

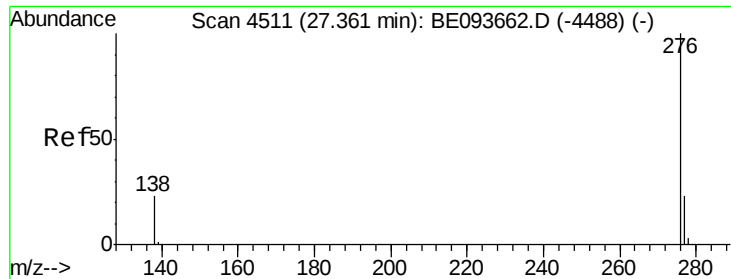
Sohil
 8/4/2017 5:28:09 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.193 ng/ul
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.02 min
 Lab File: BE093666.D
 Acq: 4 Aug 2017 11:51

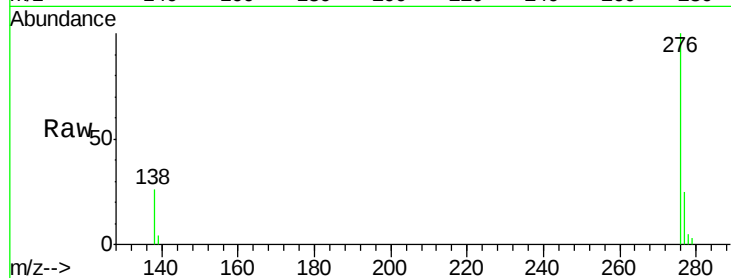
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	33.3	17.4	26.0#
279	36.4	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 0.944 ng/ul
 RT: 27.36 min Scan# 4510
 Delta R.T. 0.00 min
 Lab File: BE093666.D
 Acq: 4 Aug 2017 11:51

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5



Tgt Ion:	276	Resp:	66333
Ion Ratio	Lower	Upper	
276	100		
138	26.1	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:28:09 PM

