

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
 Data File : BE093664.D
 Acq On : 4 Aug 2017 10:37
 Operator : SJ/JU
 Sample : I4373-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Manual Integrations
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Quant Time: Aug 04 16:26:32 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	3205	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16439	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9963	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	22416	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23690	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19903m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5234	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	15547	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	1942	0.049	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	1549	0.053	ng/ul	99
8) Acenaphthene	14.59	153	1050	0.032	ng/ul	99
9) Fluorene	15.57	166	1075	0.026	ng/ul#	94
12) Phenanthrene	17.29	178	41412	0.678	ng/ul#	89
13) Anthracene	17.38	178	7832	0.132	ng/ul#	90
15) Fluoranthene	19.30	202	46389	0.608	ng/ul	84
17) Pyrene	19.66	202	42024	0.608	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	19033	0.277	ng/ul#	88
19) Chrysene	21.44	228	22082	0.335	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	21910	0.356	ng/ul	95
22) Benzo(k)fluoranthene	23.19	252	9361m	0.154	ng/ul	
23) Benzo(a)pyrene	23.80	252	15981m	0.273	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	11146m	0.172	ng/ul	
25) Dibenzo(a,h)anthracene	26.55	278	3533m	0.065	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	13114m	0.241	ng/ul	

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

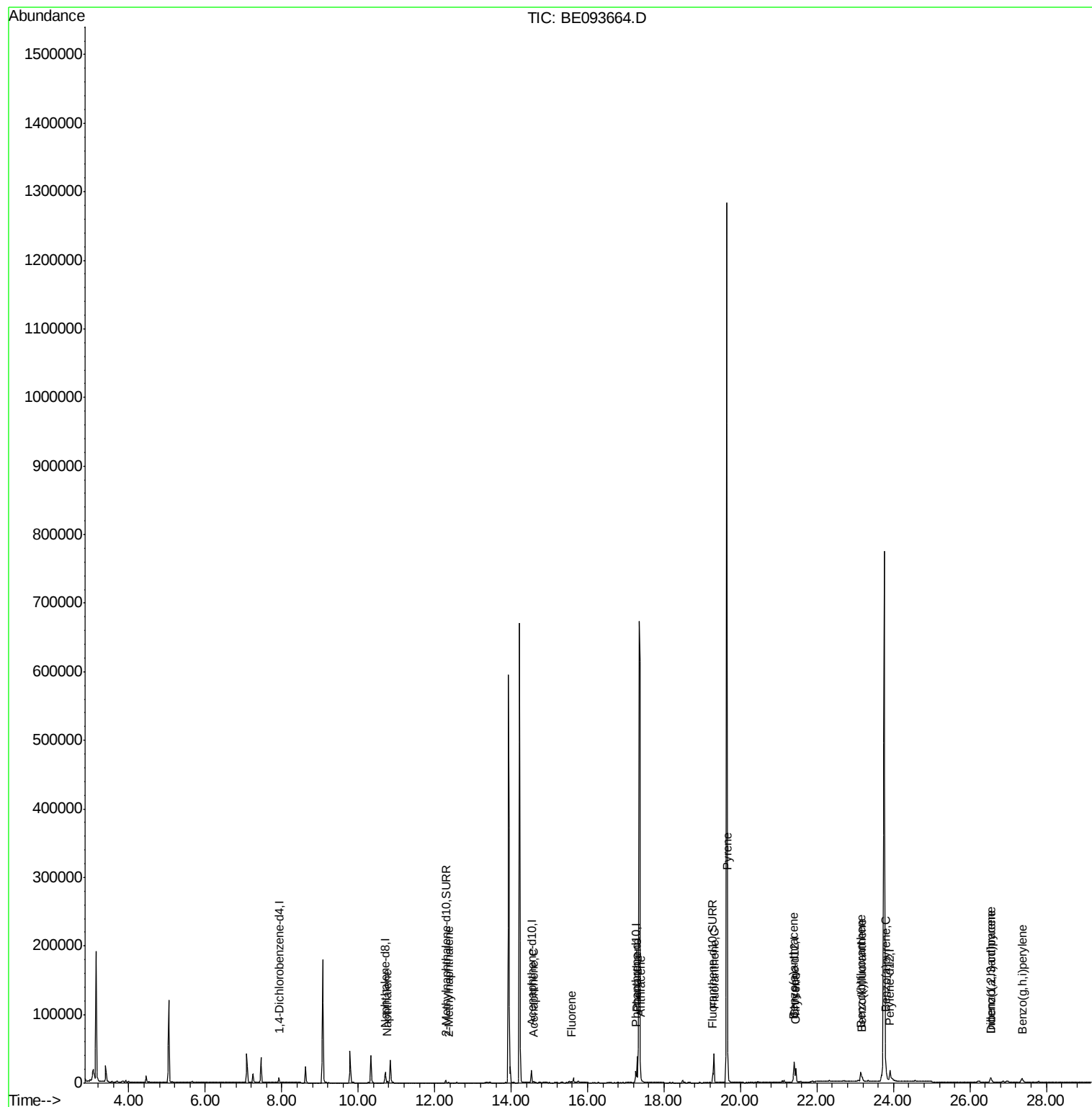
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
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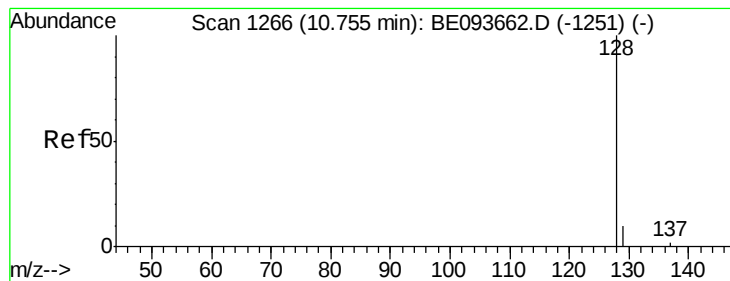
Instrument :
BNA_E
ClientSampleId :
C0AA3

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Quant Time: Aug 04 16:26:32 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: 0.049 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093664.D

Acq: 4 Aug 2017 10:37

Instrument :

BNA_E

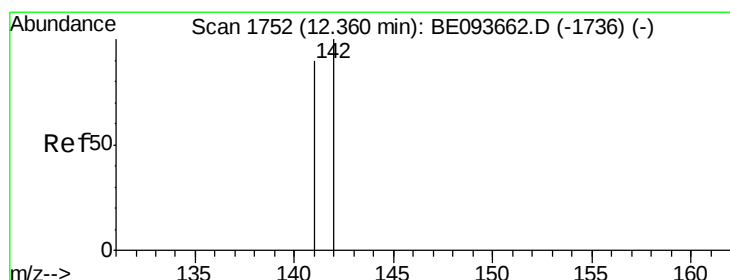
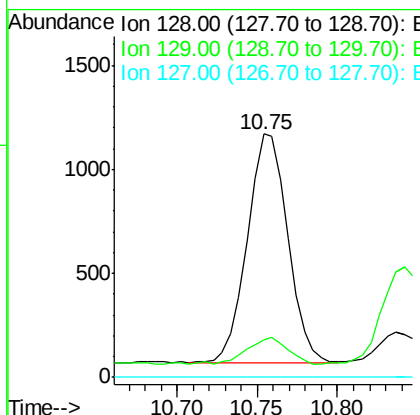
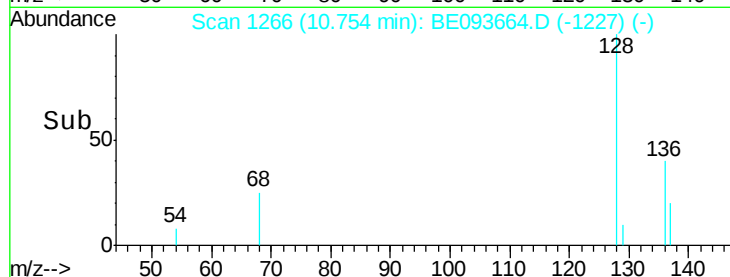
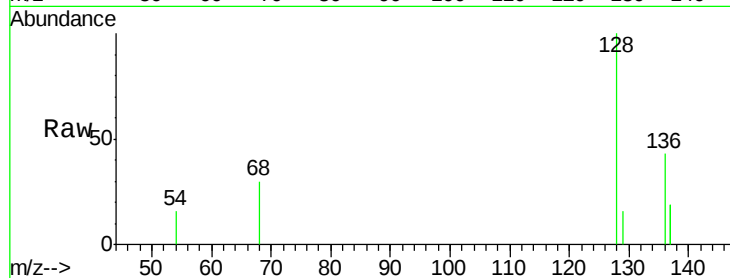
ClientSampled :

C0AA3

Tgt Ion:	128	Resp:	1942
Ion Ratio	Lower	Upper	
128	100		
129	15.6	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

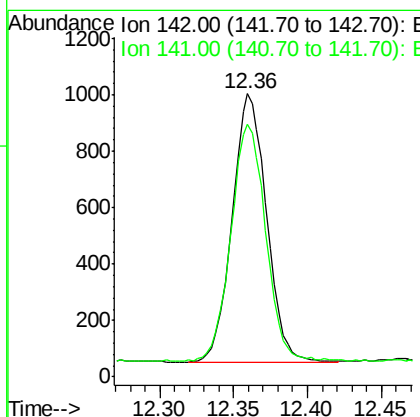
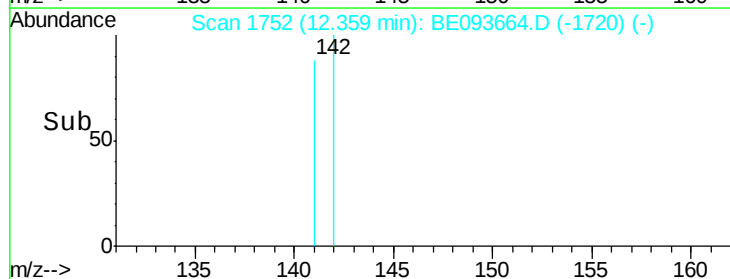
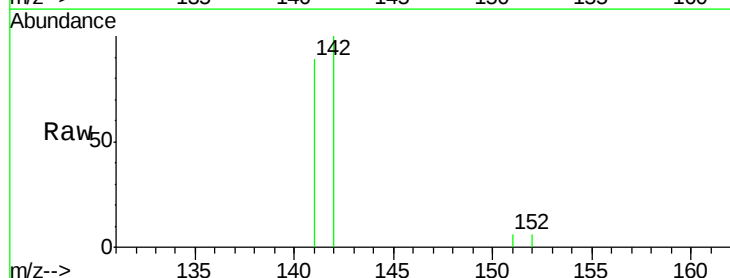
RT: 12.36 min Scan# 1752

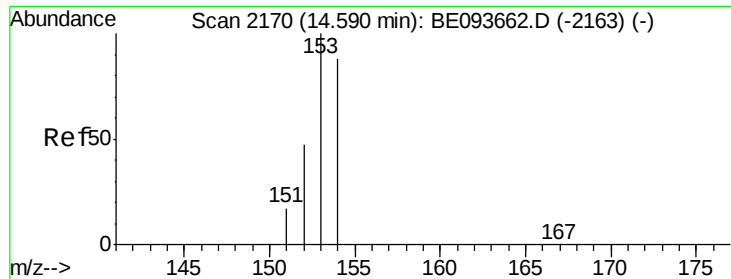
Delta R.T. -0.00 min

Lab File: BE093664.D

Acq: 4 Aug 2017 10:37

Tgt Ion:	142	Resp:	1549
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.6	108.8





#8

Acenaphthene

Concen: 0.032 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE093664.D

Acq: 4 Aug 2017 10:37

Instrument :

BNA_E

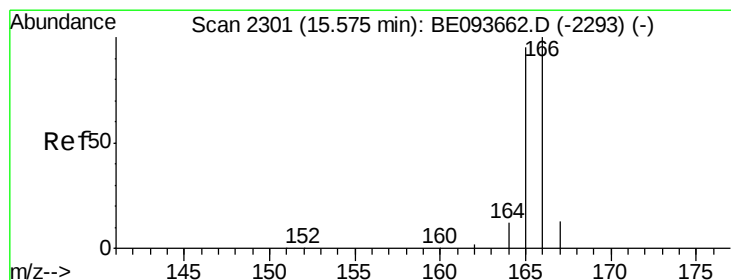
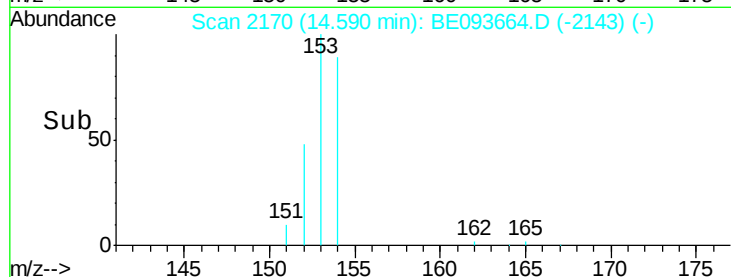
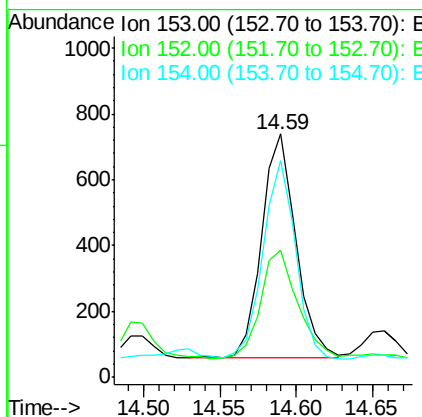
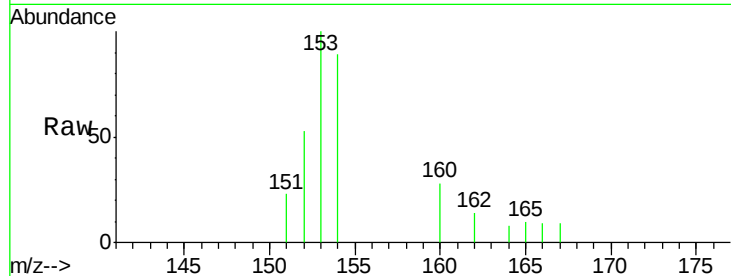
ClientSampled :

C0AA3

Tgt Ion:	153	Resp:	1050
Ion	Ratio	Lower	Upper
153	100		
152	52.5	40.3	60.5
154	89.0	71.4	107.2

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#9

Fluorene

Concen: 0.026 ng/ul

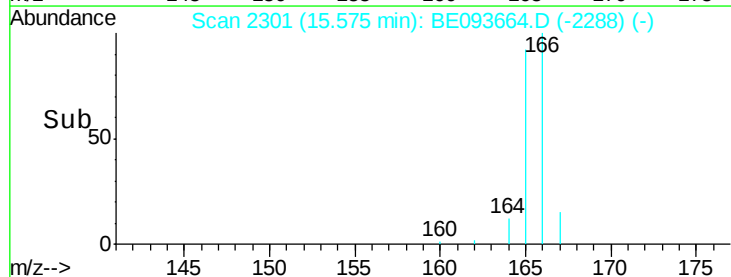
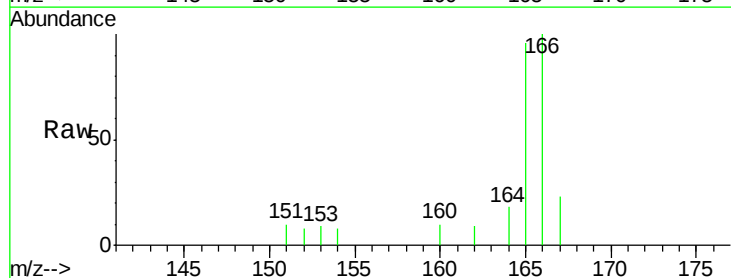
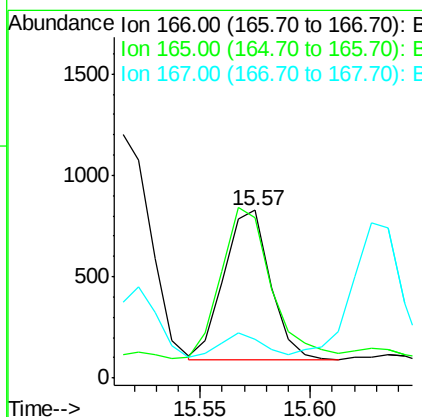
RT: 15.57 min Scan# 2301

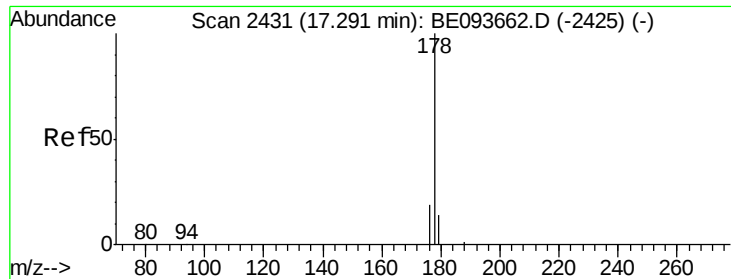
Delta R.T. -0.00 min

Lab File: BE093664.D

Acq: 4 Aug 2017 10:37

Tgt Ion:	166	Resp:	1075
Ion	Ratio	Lower	Upper
166	100		
165	96.0	73.4	110.2
167	23.3	14.6	22.0





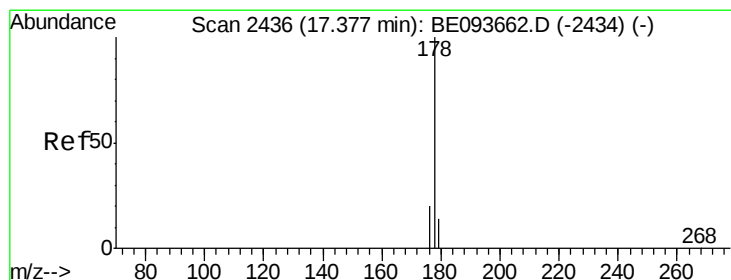
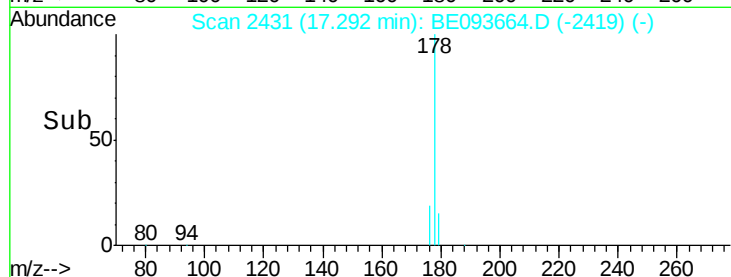
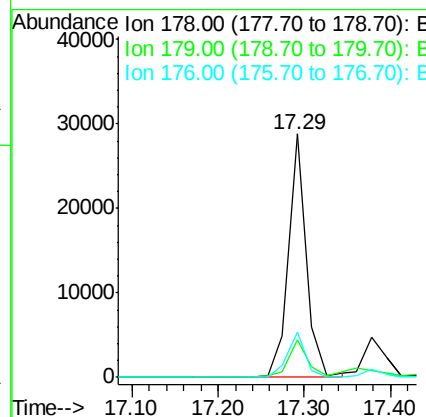
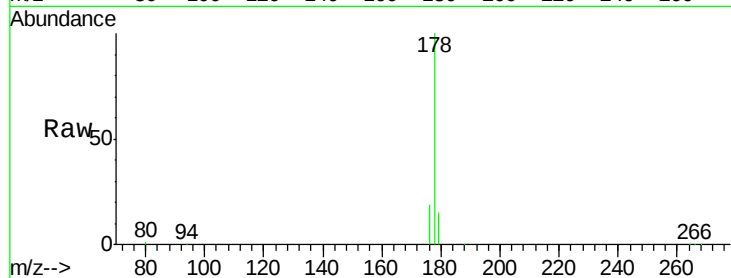
#12
Phenanthrene
Concen: 0.678 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	18.8	13.6	20.4

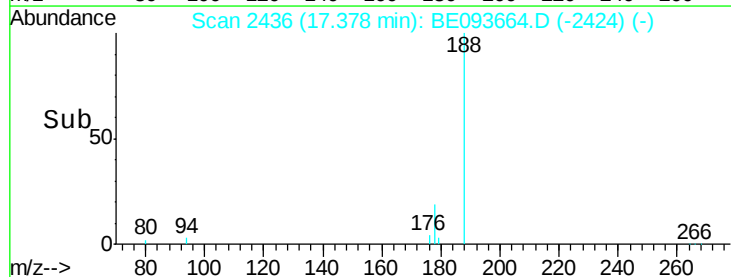
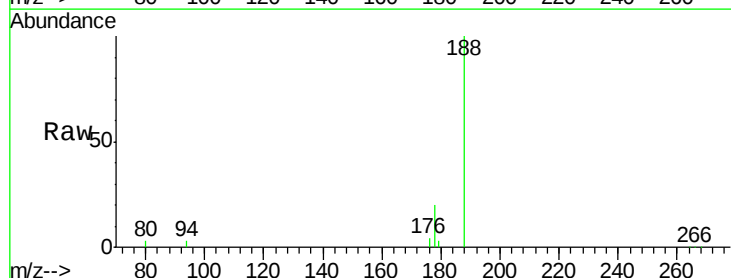
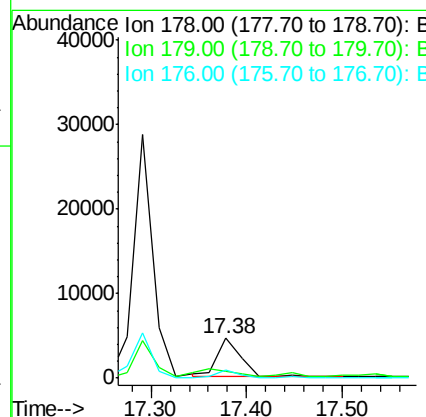
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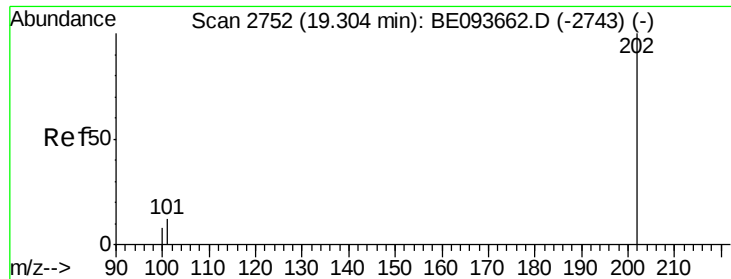
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#13
Anthracene
Concen: 0.132 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.1	27.1#
176	21.6	14.7	22.1





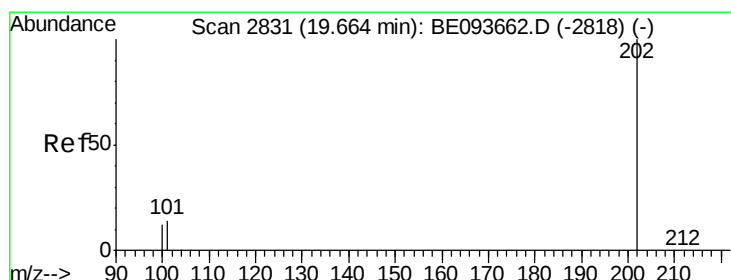
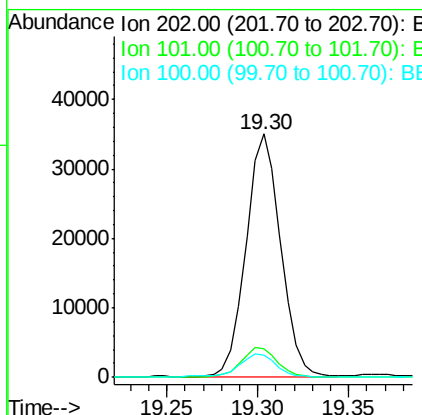
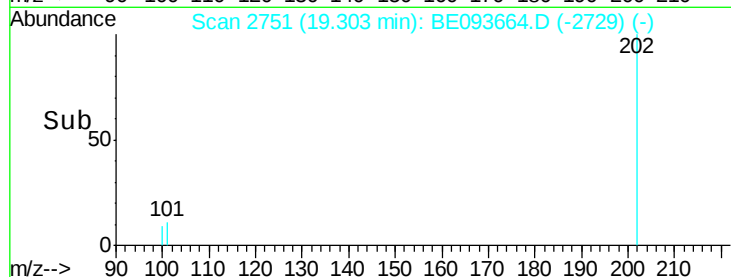
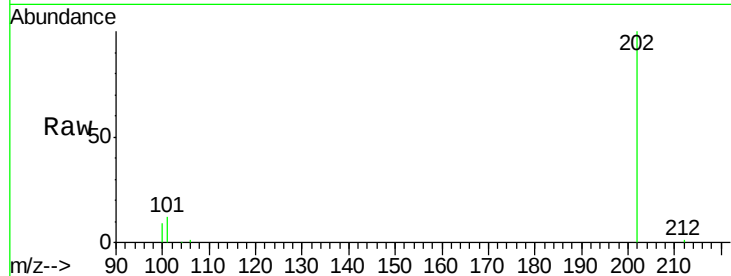
#15
Fluoranthene
 Concen: 0.608 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093664.D
 Acq: 4 Aug 2017 10:37

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46389		
101	11.8	0.0	30.3	
100	9.1	0.0	39.5	

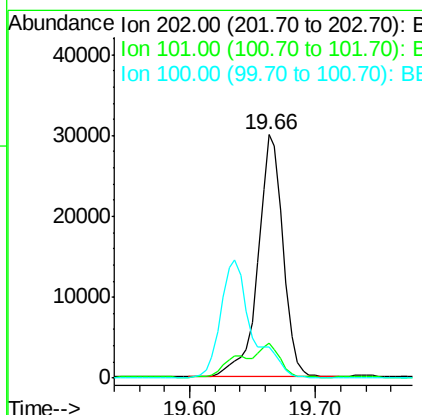
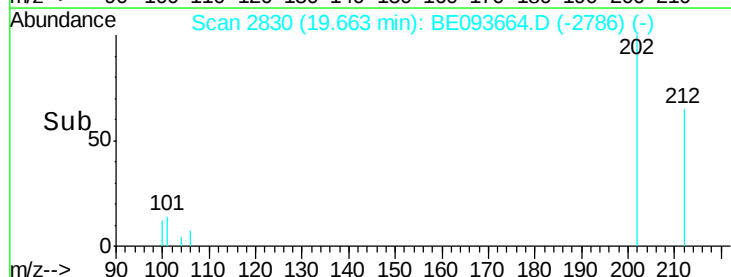
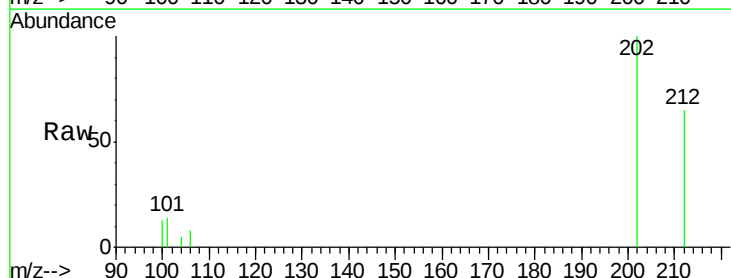
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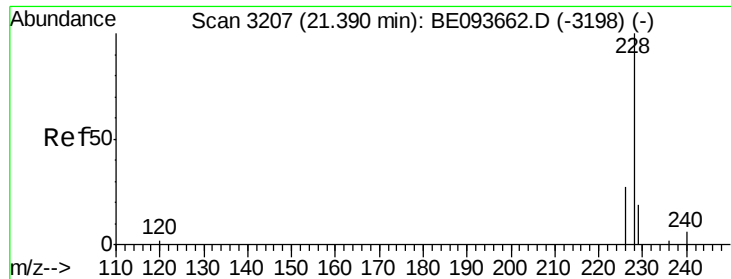
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#17
Pyrene
 Concen: 0.608 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE093664.D
 Acq: 4 Aug 2017 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42024		
101	14.3	18.2	27.4#	
100	12.7	15.6	23.4#	





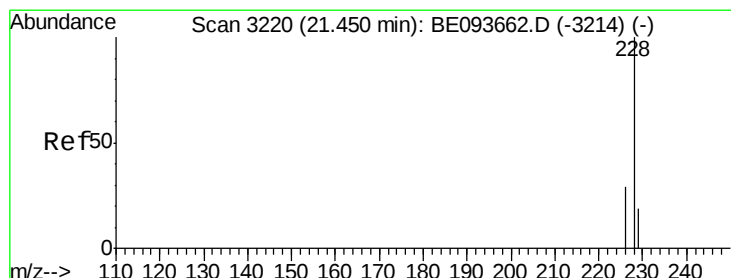
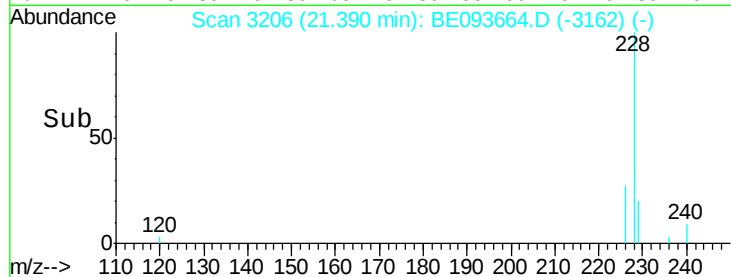
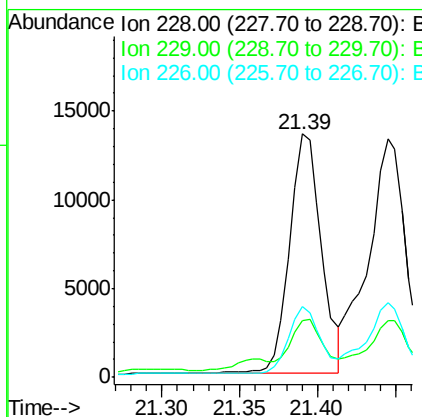
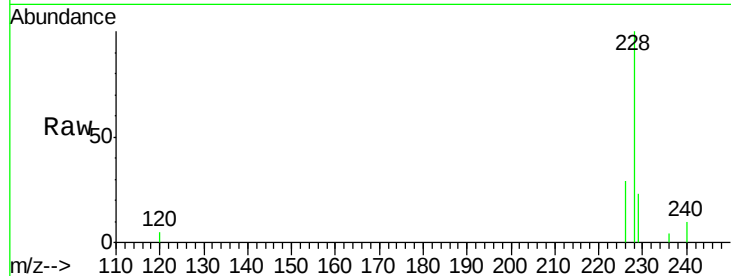
#18
Benzo(a)anthracene
Concen: 0.277 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	22.8	34.2
226	28.9	17.0	25.6

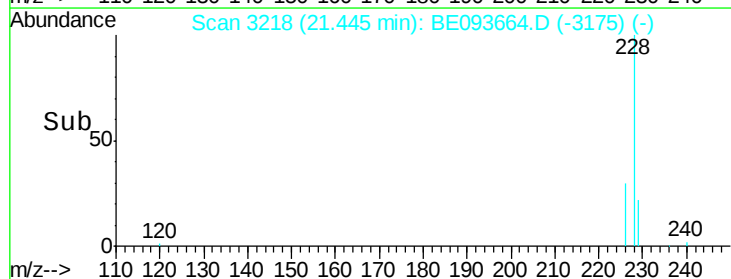
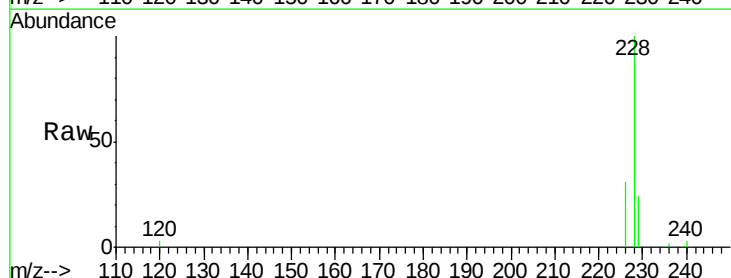
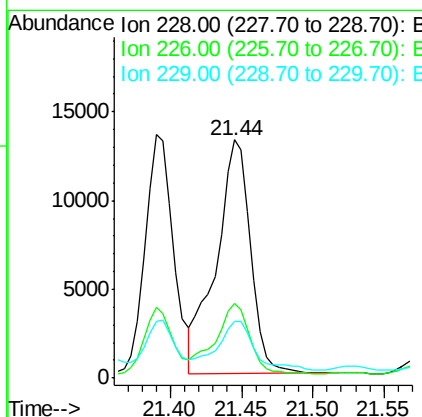
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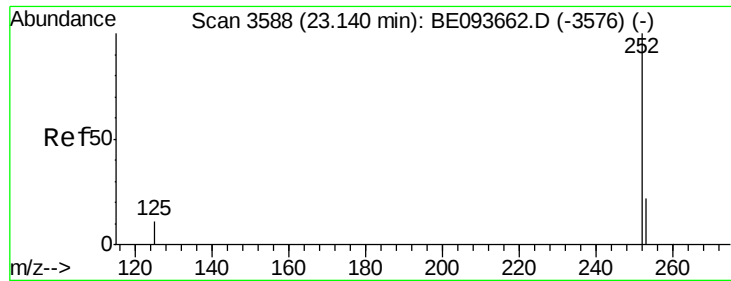
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#19
Chrysene
Concen: 0.335 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	23.9	17.7	26.5





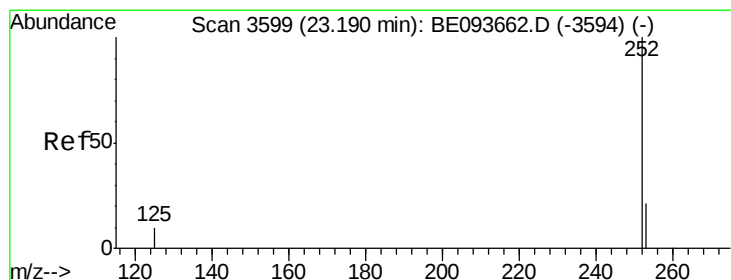
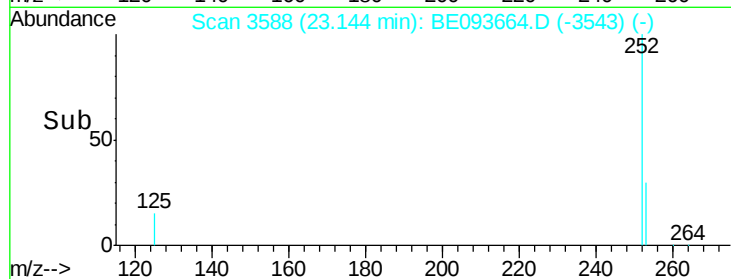
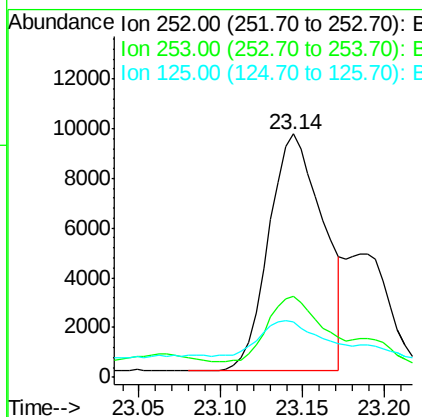
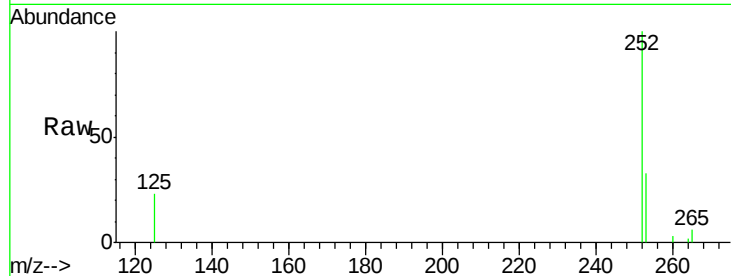
#21
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 23.14 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	64.2
125	22.6	0.0	35.0

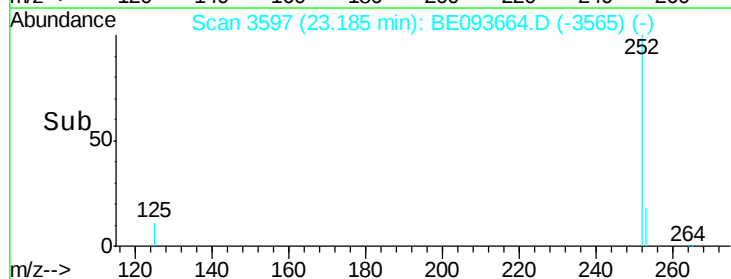
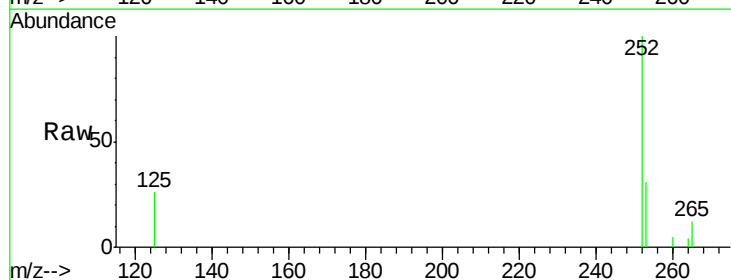
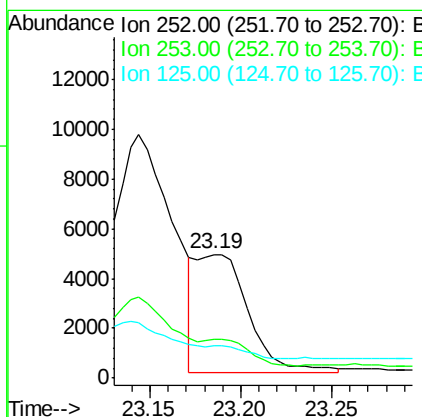
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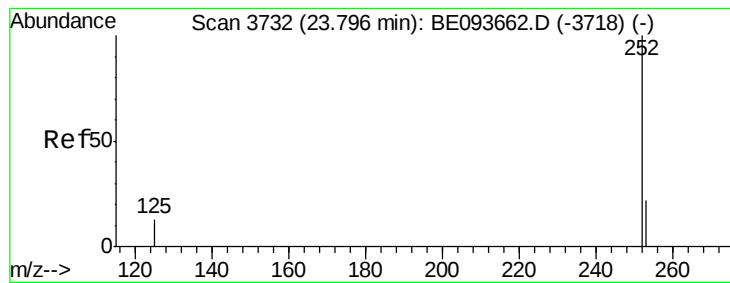
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#22
Benzo(k)fluoranthene
Concen: 0.154 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	24.5	36.7
125	26.1	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.273 ng/ul m

RT: 23.80 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE093664.D

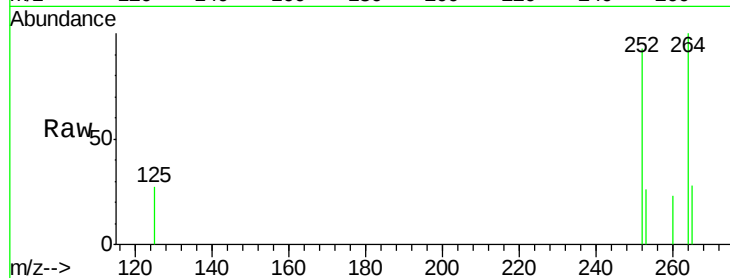
Acq: 4 Aug 2017 10:37

Instrument :

BNA_E

ClientSampled :

C0AA3



Tgt Ion: 252 Resp: 15981

Ion Ratio Lower Upper

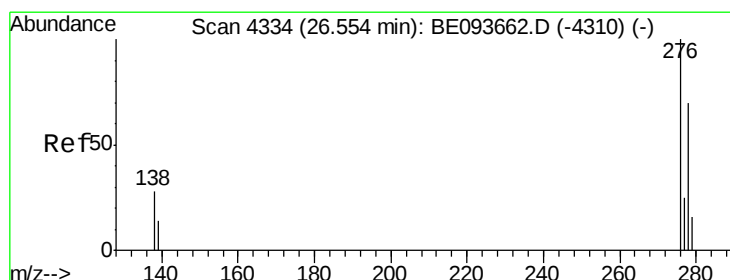
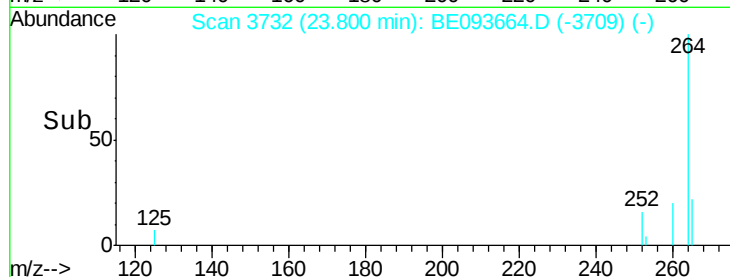
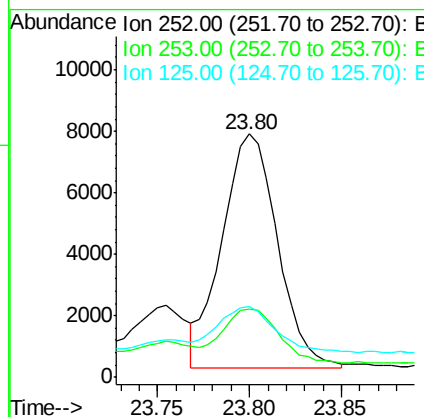
252 100

253 28.2 28.5 42.7#

125 29.1 18.1 27.1#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.172 ng/ul m

RT: 26.54 min Scan# 4330

Delta R.T. -0.01 min

Lab File: BE093664.D

Acq: 4 Aug 2017 10:37

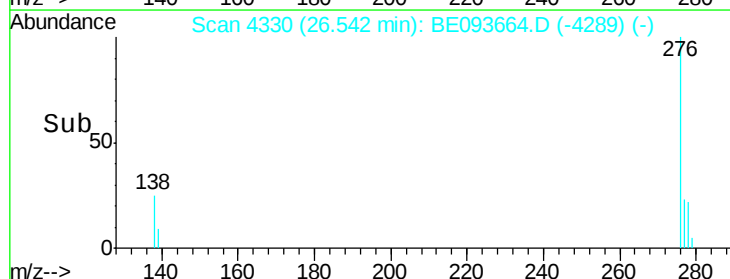
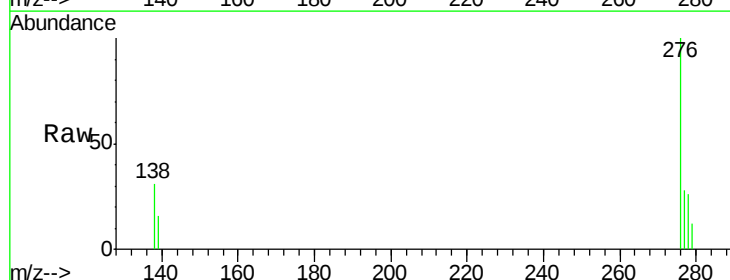
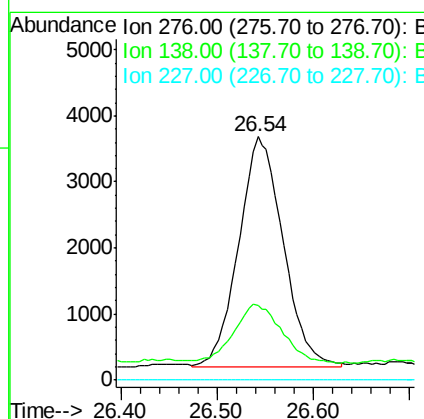
Tgt Ion: 276 Resp: 11146

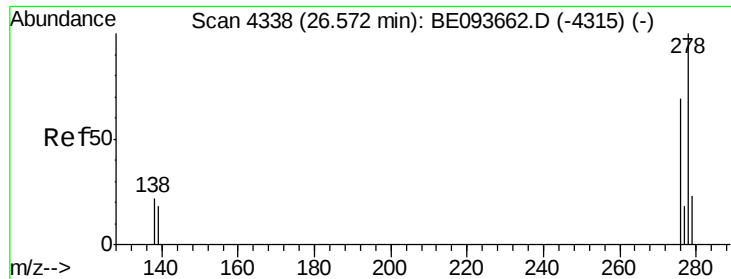
Ion Ratio Lower Upper

276 100

138 1.9 28.0 42.0#

227 0.0 8.0 12.0#





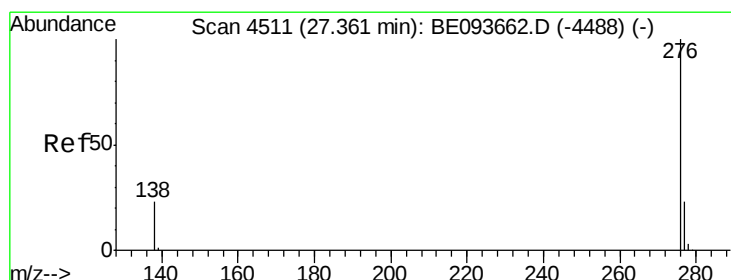
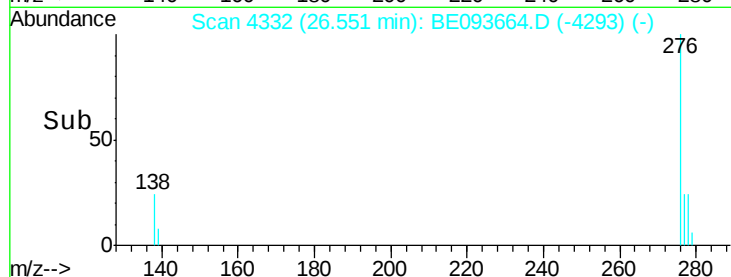
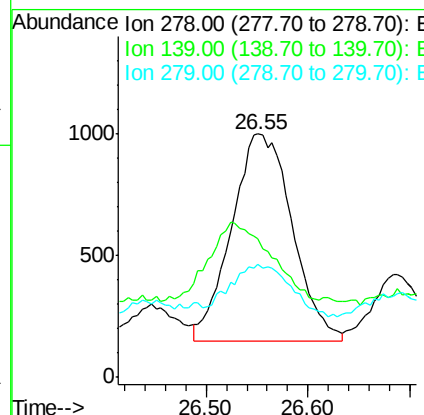
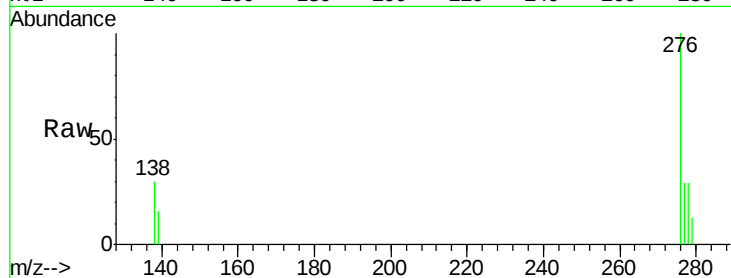
#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul m
RT: 26.55 min Scan# 4332
Delta R.T. -0.02 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Instrument :
BNA_E
ClientSampled :
C0AA3

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3533		
139	56.8	17.4	26.0#	
279	46.6	25.9	38.9#	

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:06 PM



#26
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul m
RT: 27.36 min Scan# 4510
Delta R.T. 0.00 min
Lab File: BE093664.D
Acq: 4 Aug 2017 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	13114		
138	29.3	21.8	32.8	
277	27.2	20.5	30.7	

