

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093758.D
 Acq On : 10 Aug 2017 22:41
 Operator : SJ/JU
 Sample : I4529-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

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Quant Time: Aug 11 18:35:00 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 11 06:07:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3019	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15774	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	10084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21973m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23417	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19222m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8037	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	23563	0.34	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.24	152	4225	0.100	ng/ul	97
8) Acenaphthene	14.58	153	3024	0.091	ng/ul	96
9) Fluorene	15.57	166	5199	0.124	ng/ul	92
12) Phenanthrene	17.29	178	81386	1.360	ng/ul#	89
13) Anthracene	17.38	178	14078	0.242	ng/ul#	91
15) Fluoranthene	19.30	202	200913	2.685	ng/ul	84
17) Pyrene	19.66	202	183501	2.685	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	82975	1.222	ng/ul#	86
19) Chrysene	21.44	228	85884	1.319	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	110282	1.855	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	36755m	0.627	ng/ul	
23) Benzo(a)pyrene	23.80	252	80030m	1.415	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	47805m	0.766	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	11723m	0.225	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	38002m	0.722	ng/ul	

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

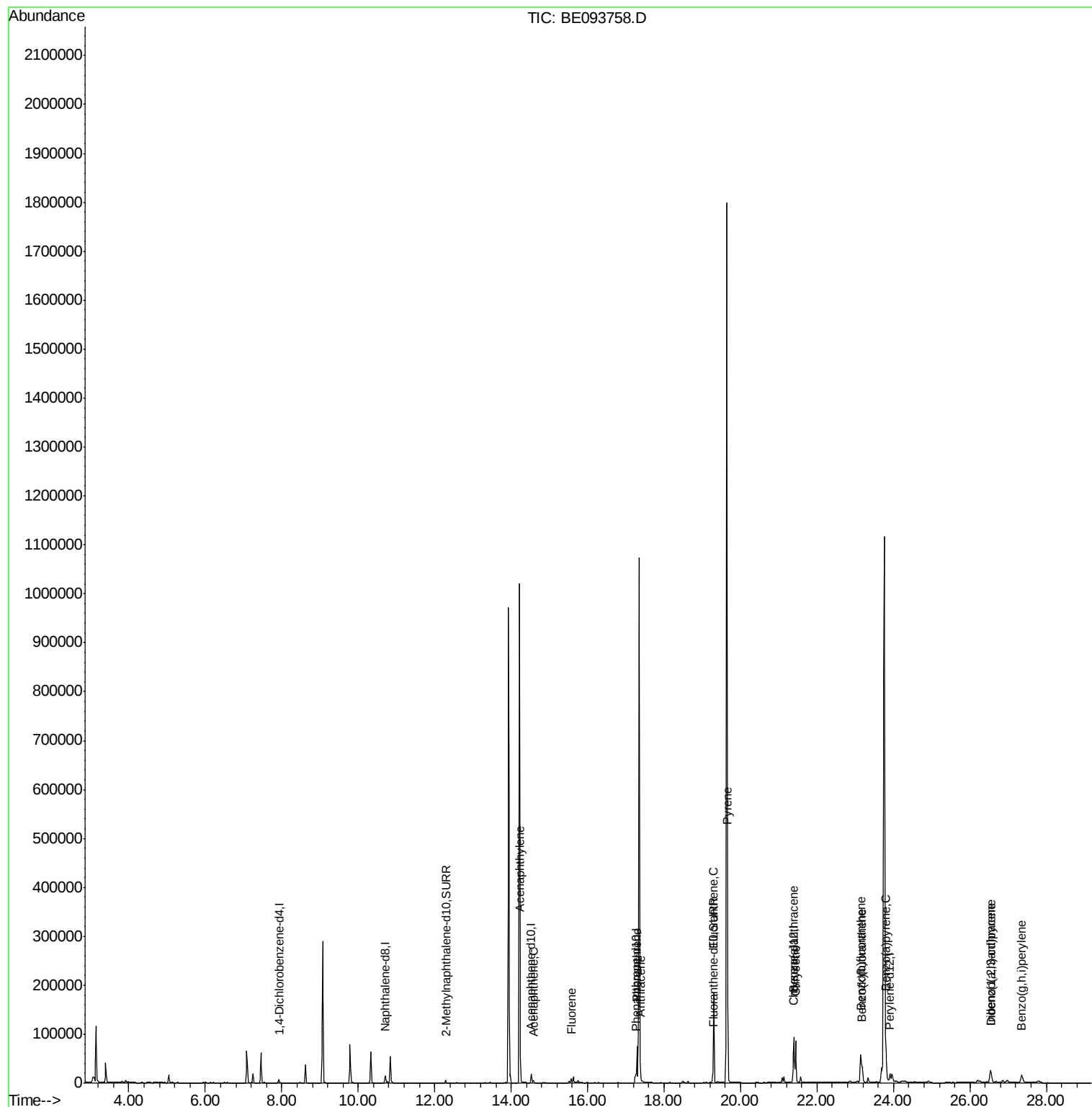
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
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ALS Vial : 22 Sample Multiplier: 1

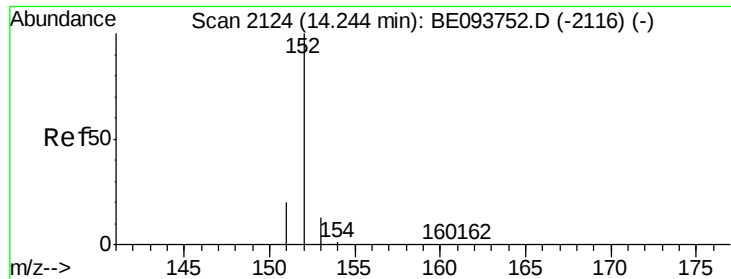
Instrument :
BNA_E
ClientSampleId :
C0AA1

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.100 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Instrument :

BNA_E

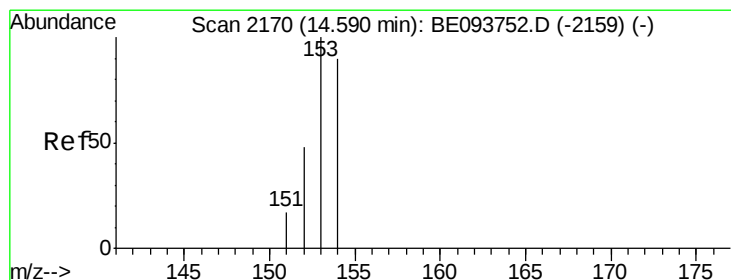
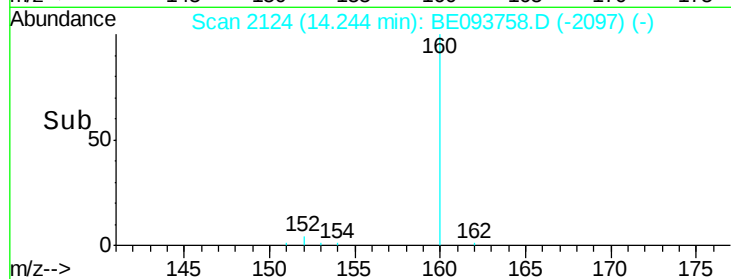
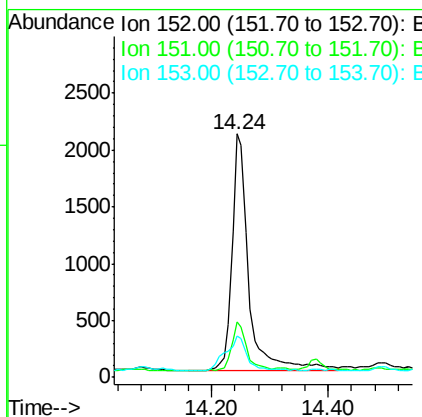
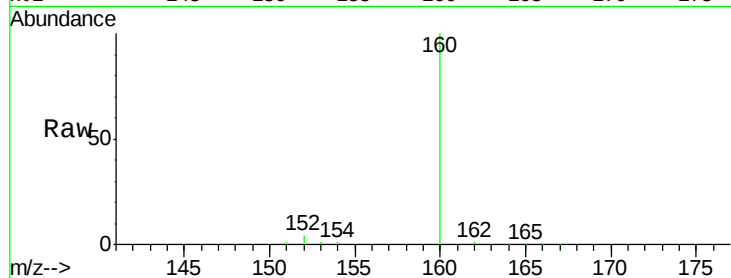
ClientSampleId :

C0AA1

Tgt Ion:	152	Resp:	4225
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	17.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.091 ng/ul

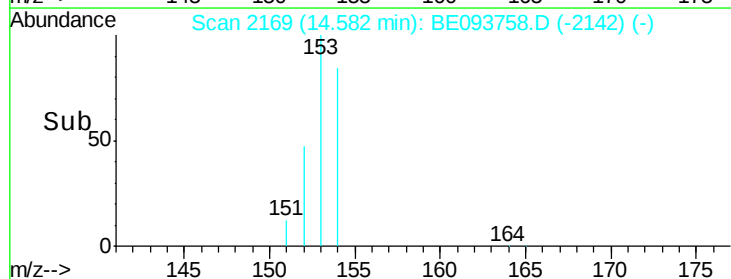
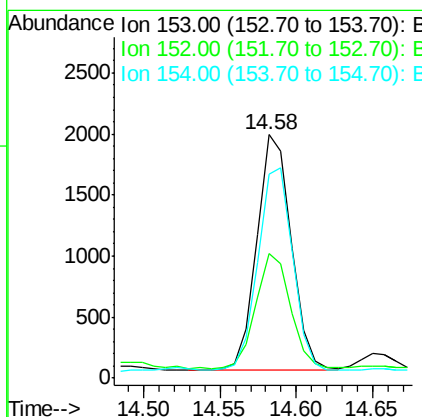
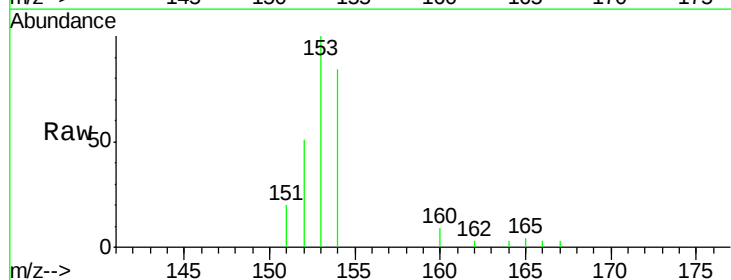
RT: 14.58 min Scan# 2169

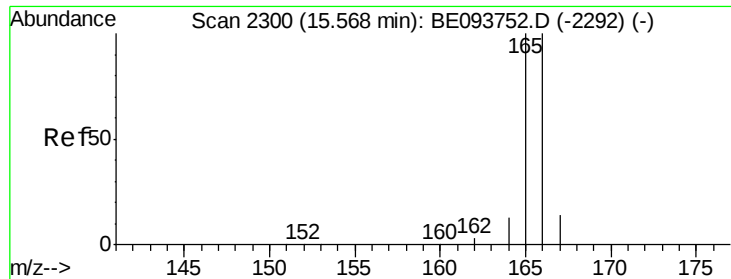
Delta R.T. 0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Tgt Ion:	153	Resp:	3024
Ion Ratio	Lower	Upper	
153	100		
152	51.1	40.3	60.5
154	84.0	71.4	107.2





#9

Fluorene

Concen: 0.124 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Instrument :

BNA_E

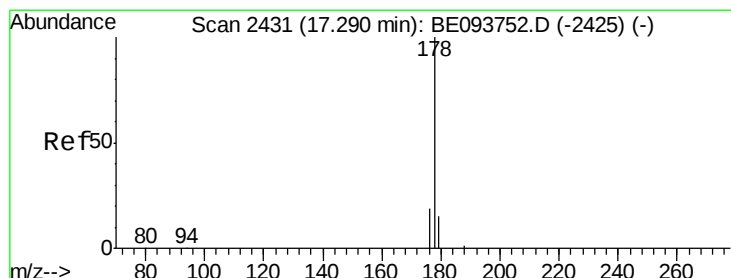
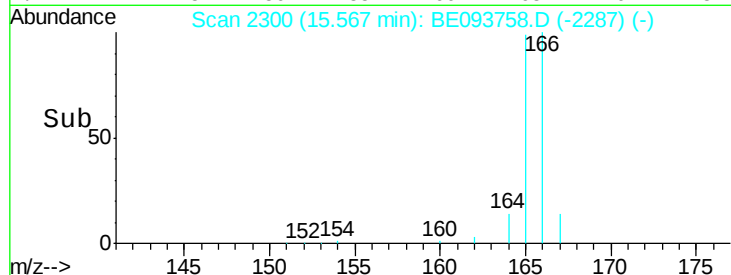
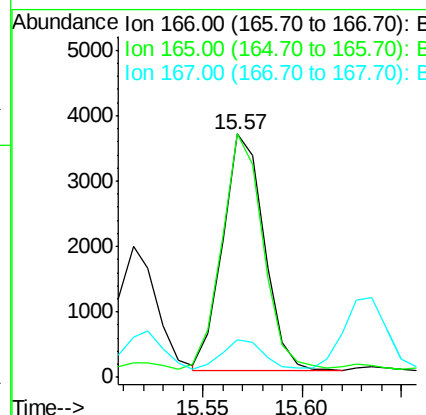
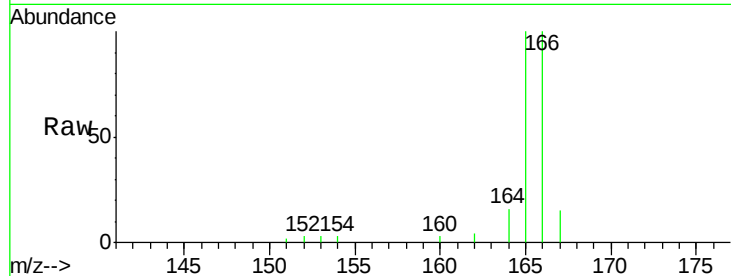
ClientSampleId :

C0AA1

Tgt Ion:	166	Resp:	5199
Ion Ratio	Lower	Upper	
166	100		
165	99.9	73.4	110.2
167	15.4	14.6	22.0

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#12

Phenanthrene

Concen: 1.360 ng/ul

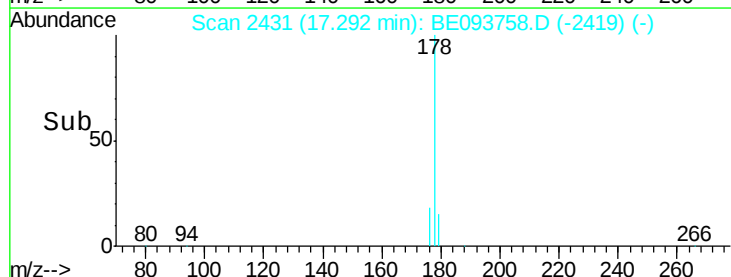
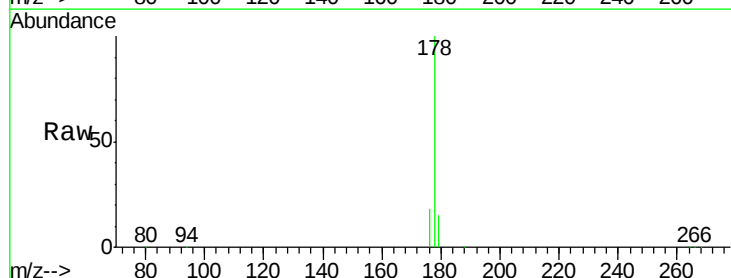
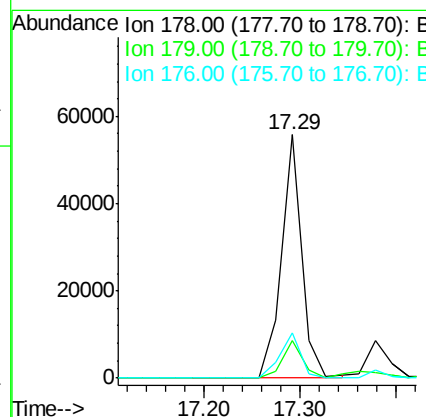
RT: 17.29 min Scan# 2431

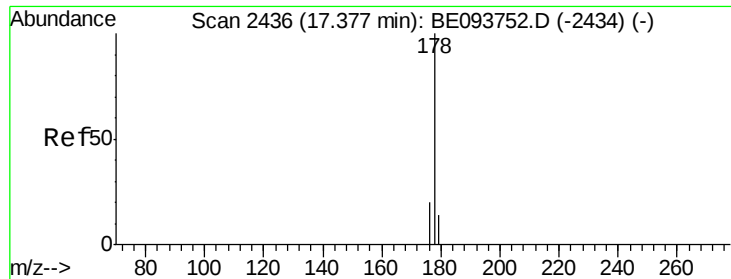
Delta R.T. 0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Tgt Ion:	178	Resp:	81386
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	18.4	13.6	20.4





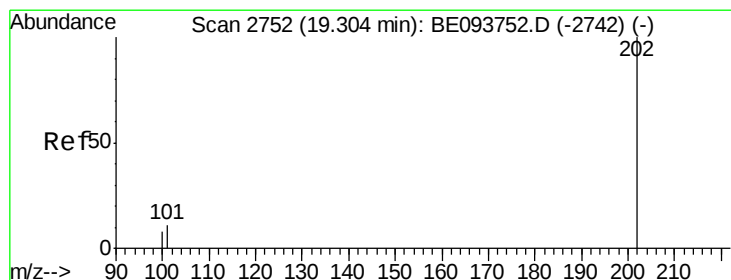
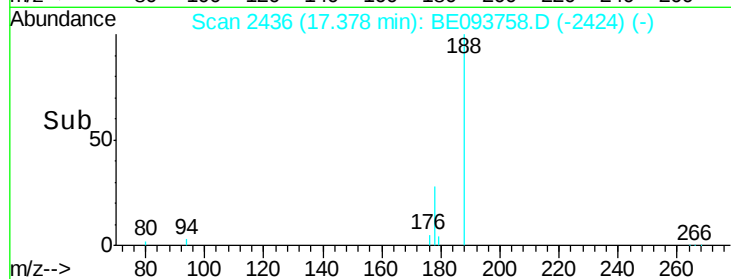
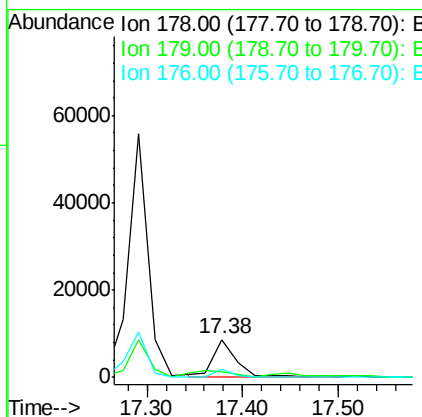
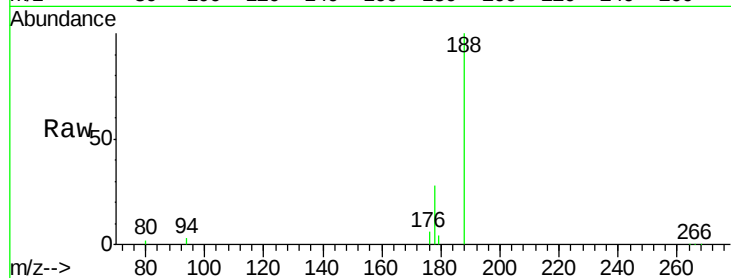
#13
 Anthracene
 Concen: 0.242 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093758.D
 Acq: 10 Aug 2017 22:41

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	19.8	14.7	22.1

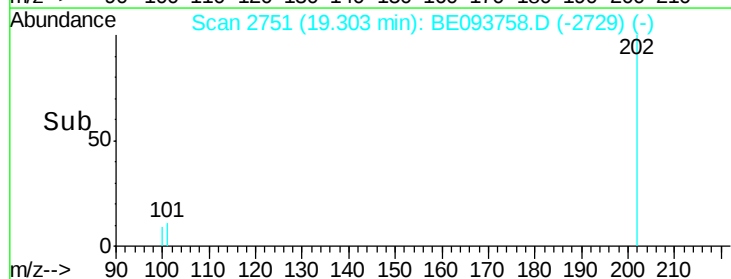
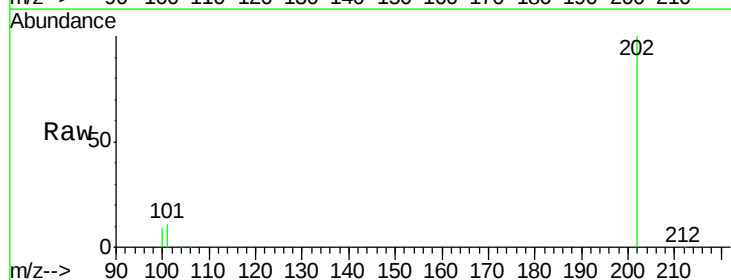
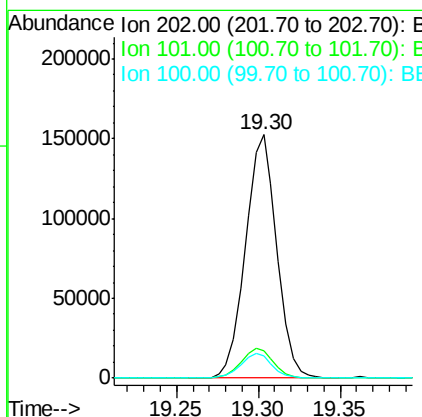
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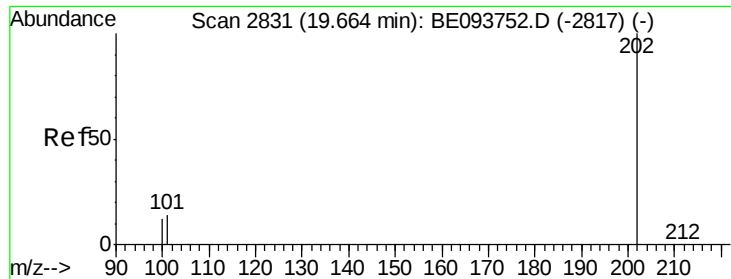
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#15
 Fluoranthene
 Concen: 2.685 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093758.D
 Acq: 10 Aug 2017 22:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	8.9	0.0	39.5





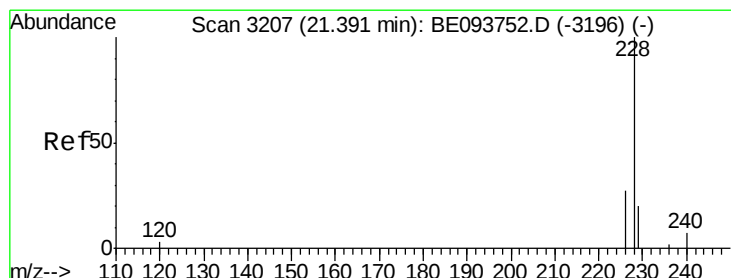
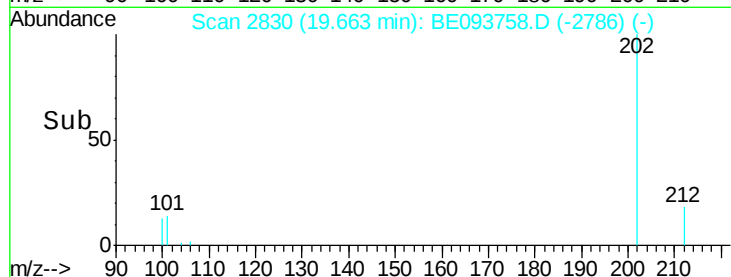
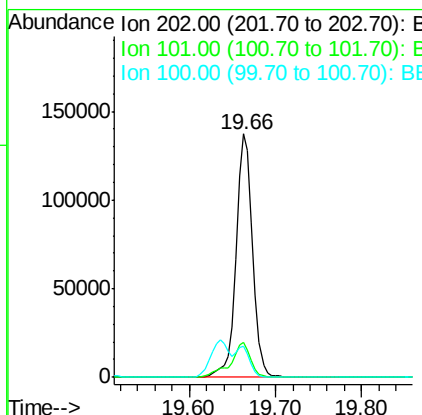
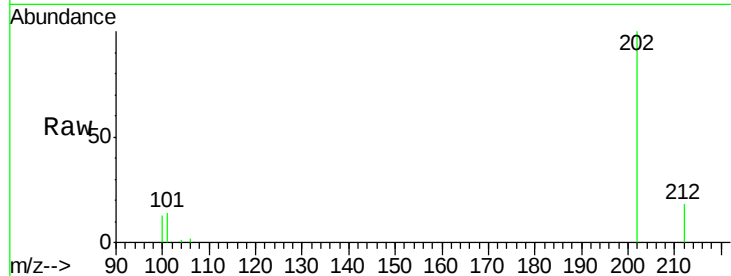
#17
Pyrene
 Concen: 2.685 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE093758.D
 Acq: 10 Aug 2017 22:41

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	18.2	27.4#
100	12.7	15.6	23.4#

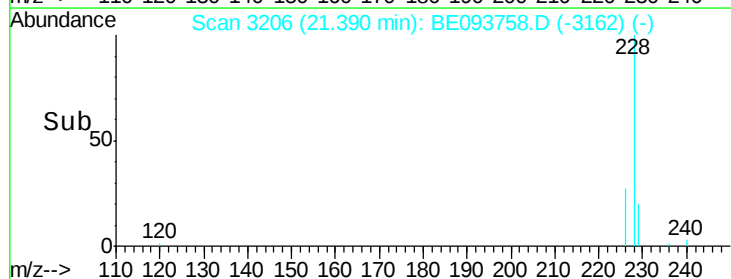
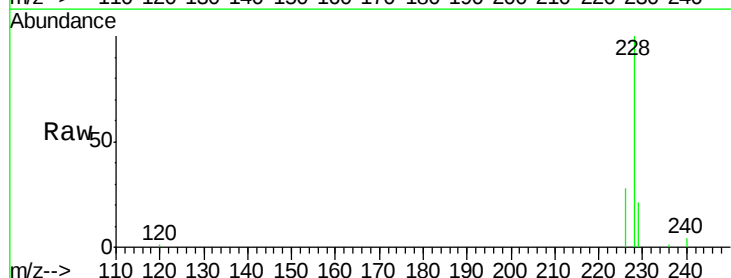
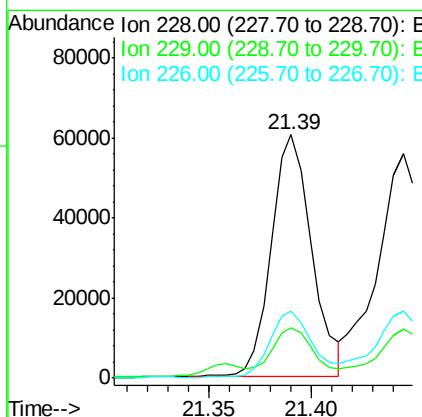
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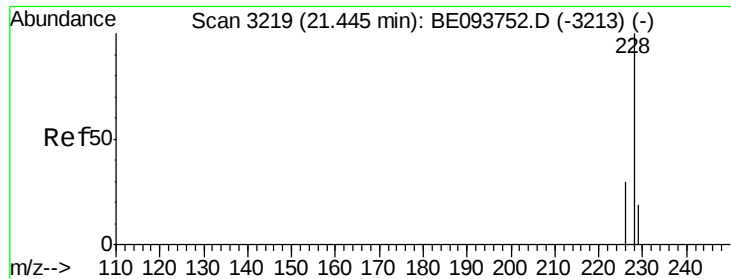
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#18
Benzo(a)anthracene
 Concen: 1.222 ng/ul
 RT: 21.39 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: BE093758.D
 Acq: 10 Aug 2017 22:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	22.8	34.2#
226	27.7	17.0	25.6#





#19

Chrysene

Concen: 1.319 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Instrument :

BNA_E

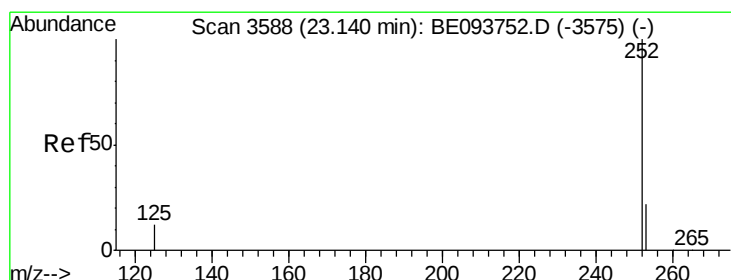
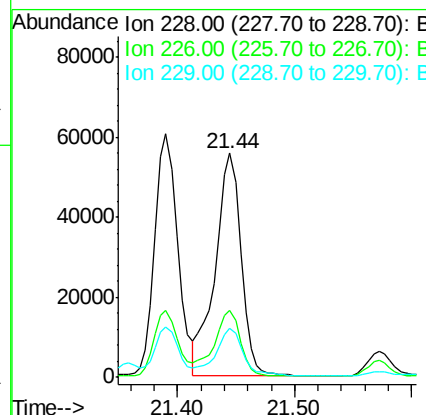
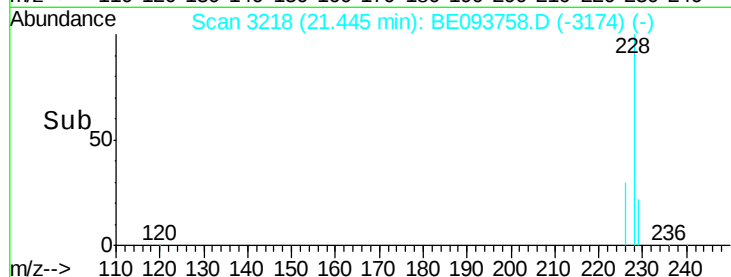
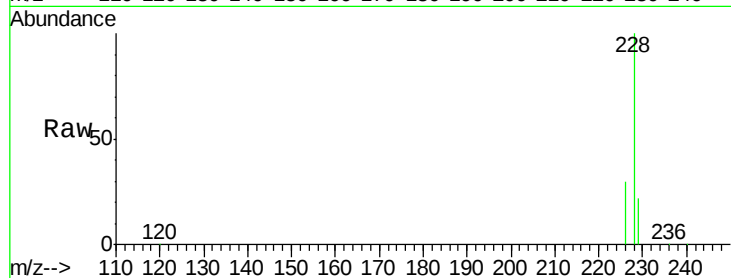
ClientSampleId :

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Tgt Ion:	228	Resp:	85884
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.855 ng/ul

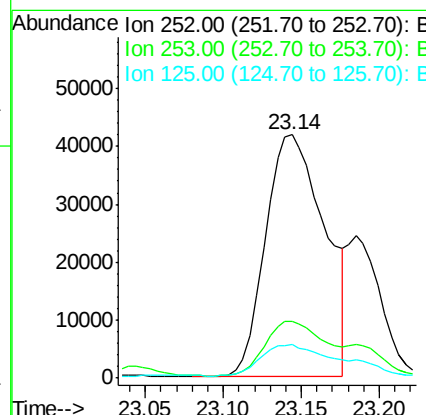
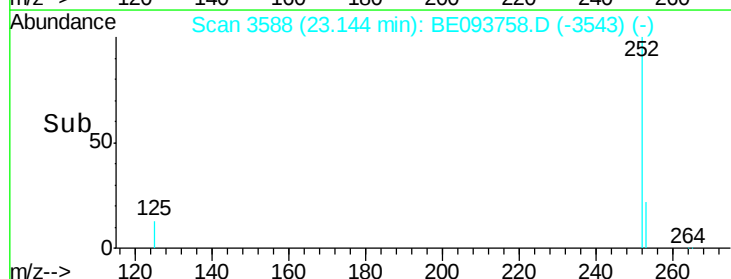
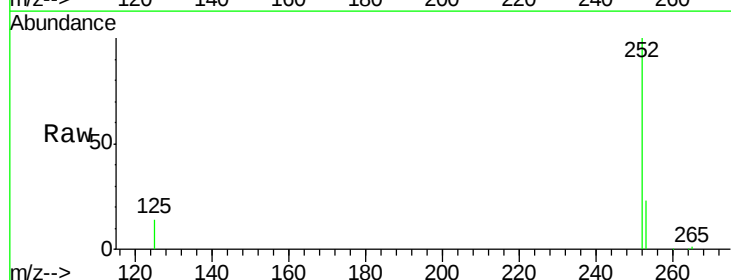
RT: 23.14 min Scan# 3588

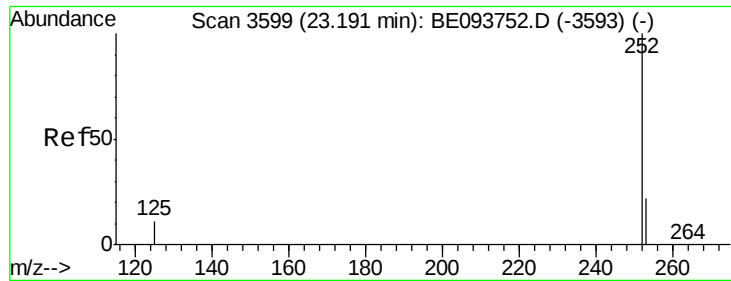
Delta R.T. 0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Tgt Ion:	252	Resp:	110282
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	13.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.627 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Instrument :

BNA_E

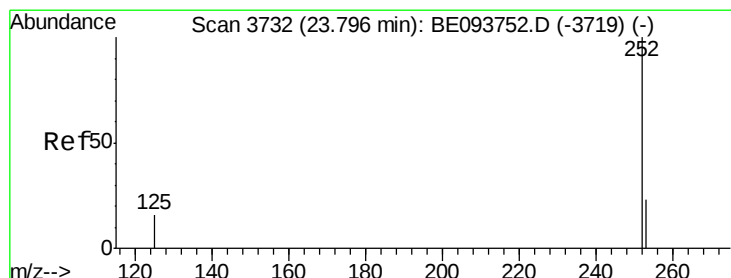
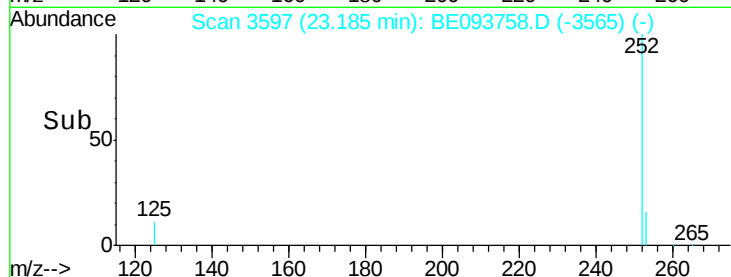
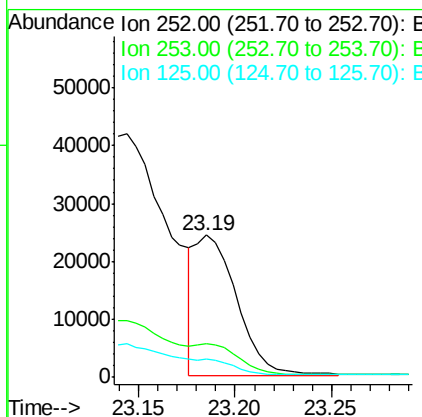
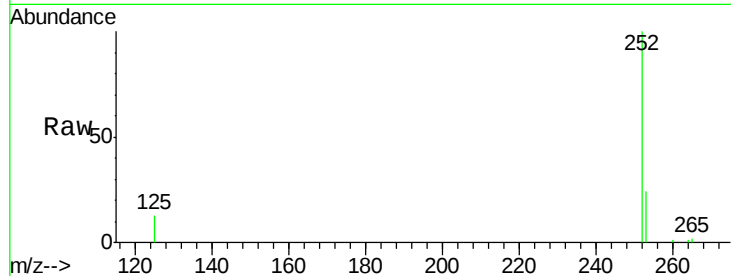
ClientSampleId :

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Tgt Ion:	252	Resp:	36755
Ion Ratio	Lower	Upper	
252	100		
253	23.7	24.5	36.7#
125	12.5	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.415 ng/ul m

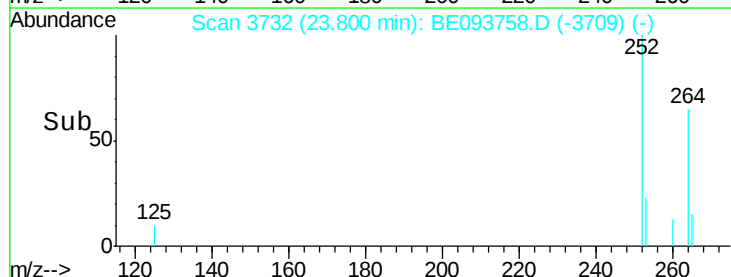
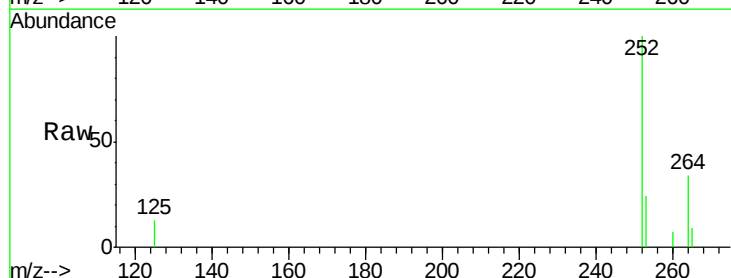
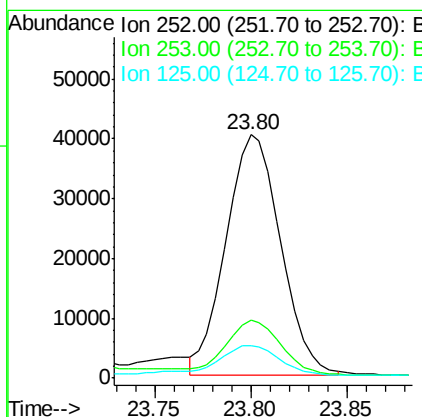
RT: 23.80 min Scan# 3732

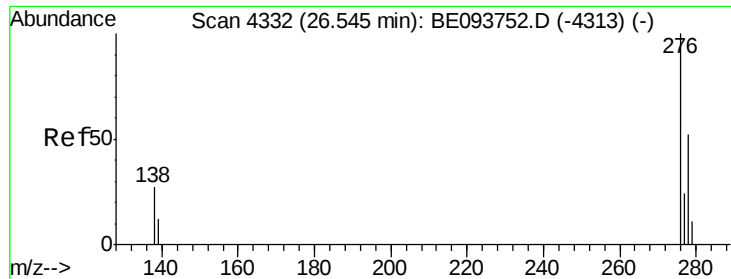
Delta R.T. 0.00 min

Lab File: BE093758.D

Acq: 10 Aug 2017 22:41

Tgt Ion:	252	Resp:	80030
Ion Ratio	Lower	Upper	
252	100		
253	23.6	28.5	42.7#
125	13.5	18.1	27.1#





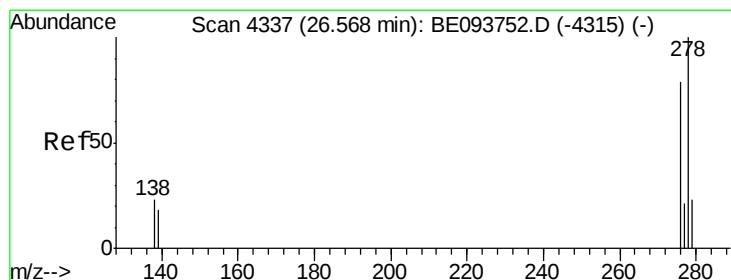
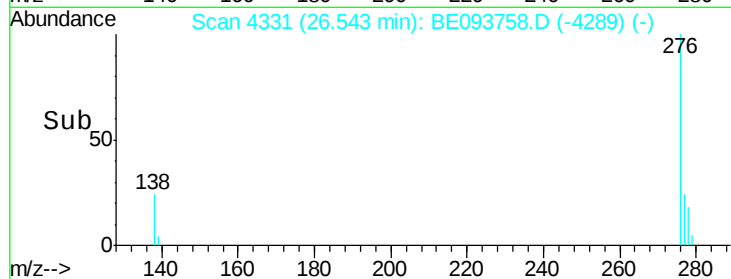
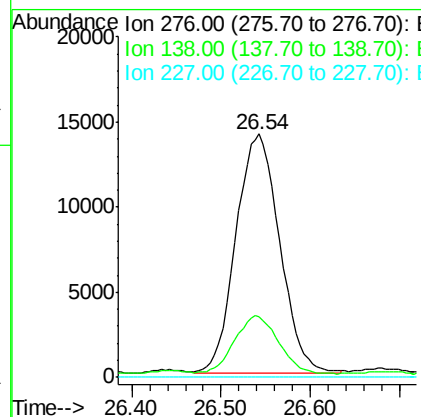
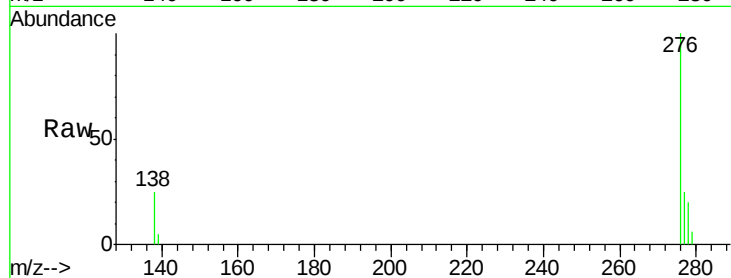
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.766 ng/ul m
 RT: 26.54 min Scan# 4331
 Delta R.T. -0.01 min
 Lab File: BE093758.D
 Acq: 10 Aug 2017 22:41

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 BNA_E
 ClientSampleId :
 C0AA1

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.0	28.0	42.0#
227	0.0	8.0	12.0#

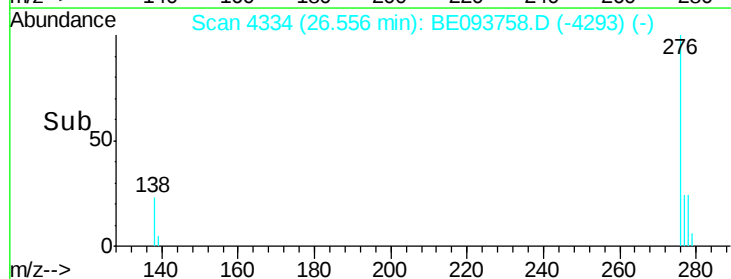
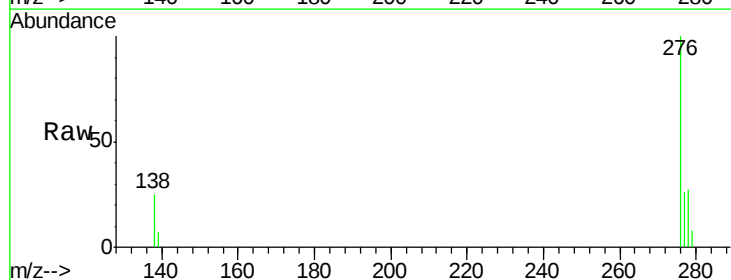
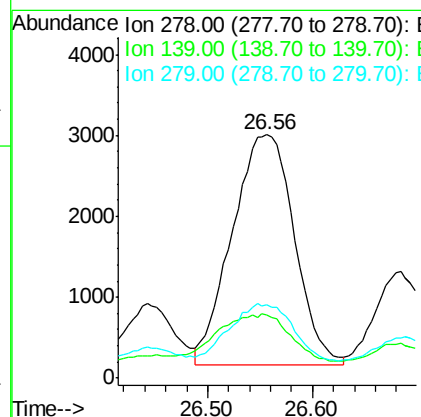
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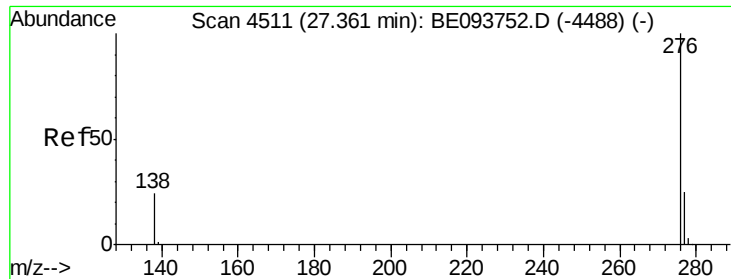
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.225 ng/ul m
 RT: 26.56 min Scan# 4334
 Delta R.T. -0.01 min
 Lab File: BE093758.D
 Acq: 10 Aug 2017 22:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	25.7	17.4	26.0
279	30.3	25.9	38.9





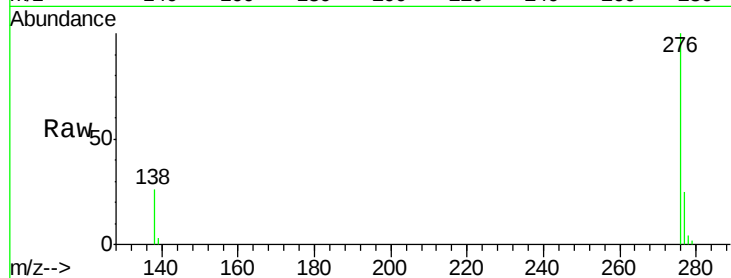
#26
 Benzo(g,h,i)perylene
 Concen: 0.722 ng/ul m
 RT: 27.36 min Scan# 4510
 Delta R.T. -0.01 min
 Lab File: BE093758.D
 Acq: 10 Aug 2017 22:41

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.6	21.8	32.8
277	24.5	20.5	30.7

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:03:50 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

