

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093843.D
 Acq On : 16 Aug 2017 16:55
 Operator : SJ/JU
 Sample : I4672-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG3DL

Manual Integrations
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Sohil
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Quant Time: Aug 17 02:40:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3454	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	19696	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12308	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	28021	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	36168	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	53527	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	779	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2128	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	8416	0.176	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	5371	0.154	ng/ul	98
7) Acenaphthylene	14.24	152	1751	0.034	ng/ul#	90
12) Phenanthrene	17.29	178	12275	0.161	ng/ul#	90
13) Anthracene	17.38	178	2472	0.033	ng/ul#	94
15) Fluoranthene	19.30	202	26055	0.273	ng/ul	84
17) Pyrene	19.66	202	27883	0.264	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	18453	0.176	ng/ul#	85
19) Chrysene	21.45	228	19225	0.191	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	25975m	0.157	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	11161m	0.068	ng/ul	
23) Benzo(a)pyrene	23.80	252	19227	0.122	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.55	276	13115	0.075	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	3180	0.022	ng/ul#	77
26) Benzo(g,h,i)perylene	27.37	276	11518	0.079	ng/ul	96

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

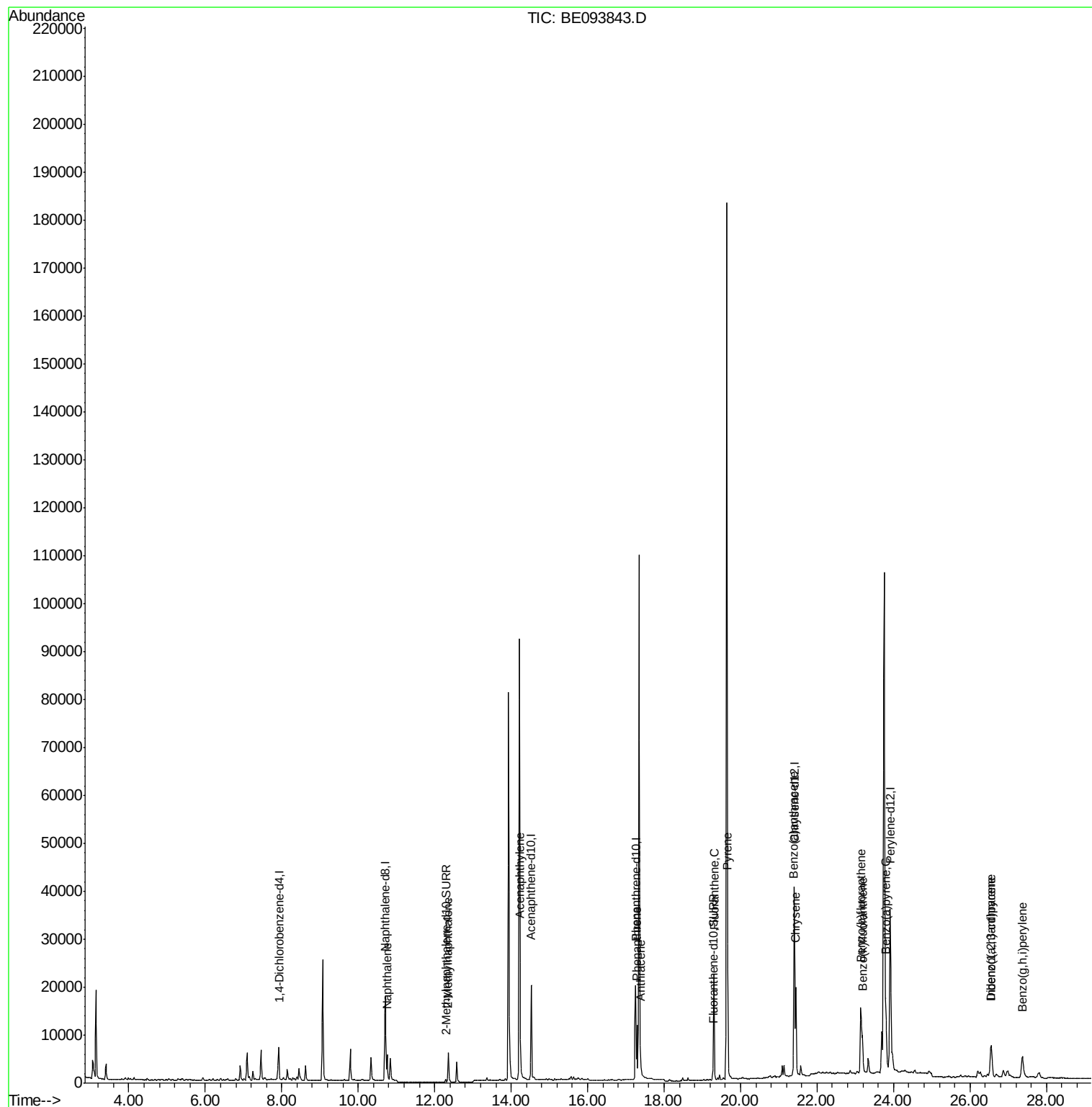
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093843.D
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Sample : I4672-01DL 5X
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ALS Vial : 12 Sample Multiplier: 1

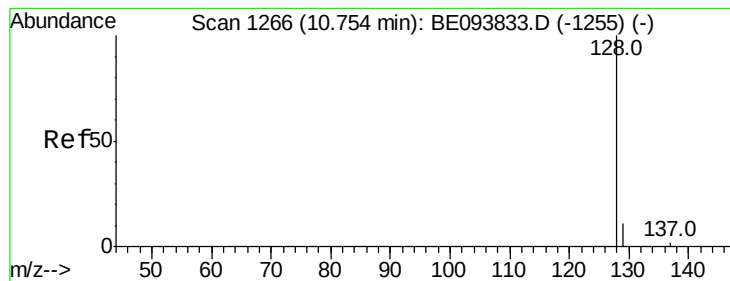
Instrument :
BNA_E
ClientSampleId :
C0AG3DL

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#3

Naphthalene

Concen: 0.176 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL

Tot Ion:128 Resp: 8416

Ion Ratio Lower Upper

128 100

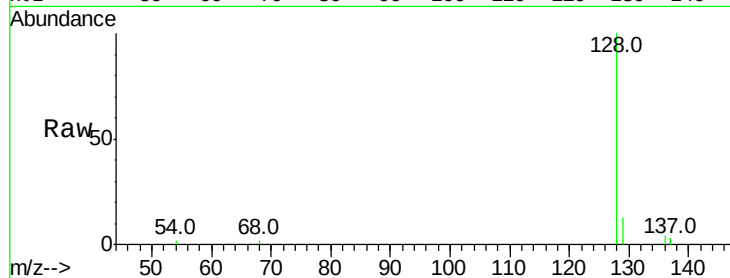
129 13.2 11.3 16.9

127 0.0 4.0 6.0#

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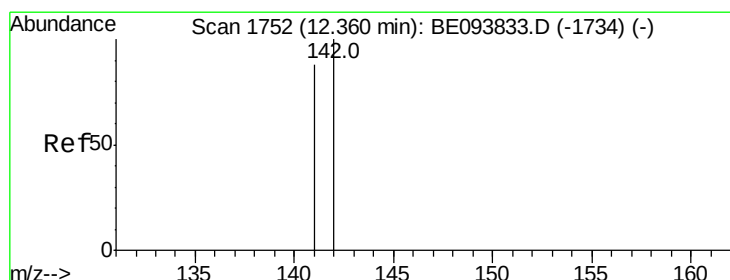
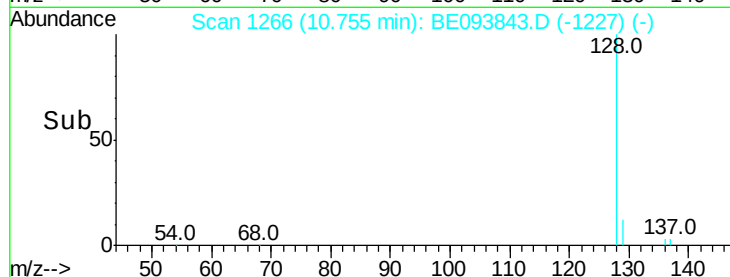
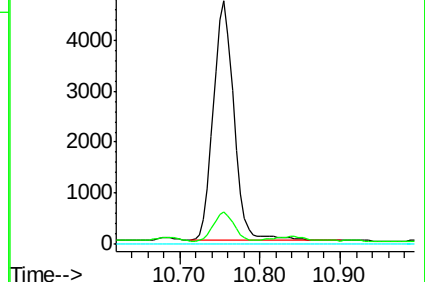
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.154 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093843.D

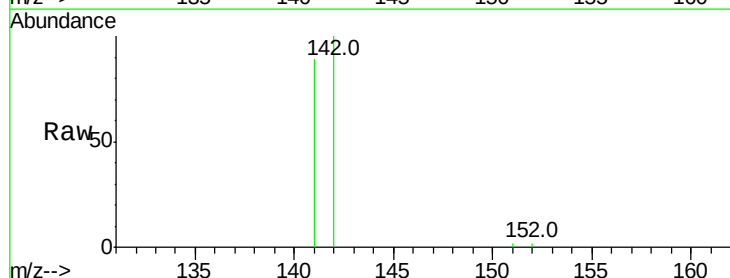
Acq: 16 Aug 2017 16:55

Tgt Ion:142 Resp: 5371

Ion Ratio Lower Upper

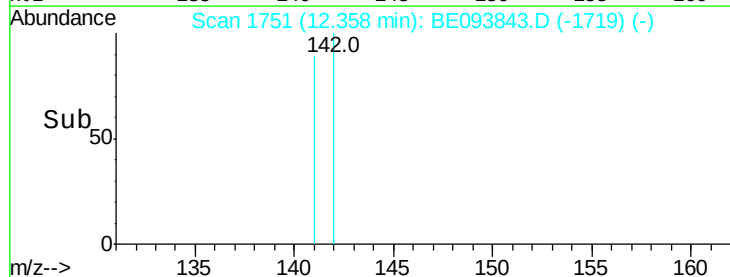
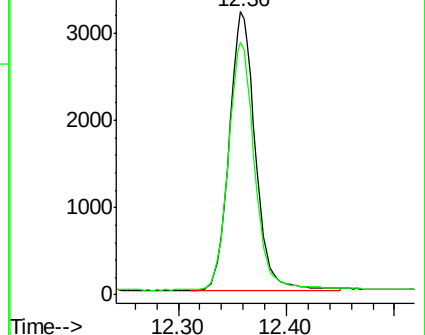
142 100

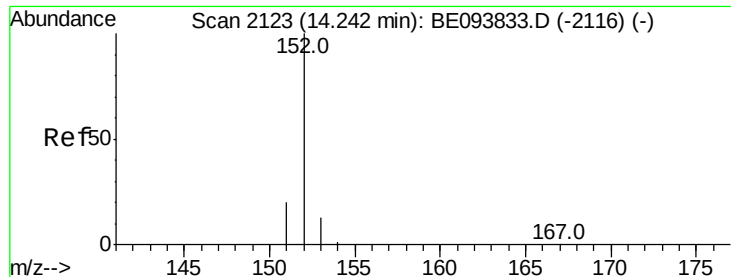
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

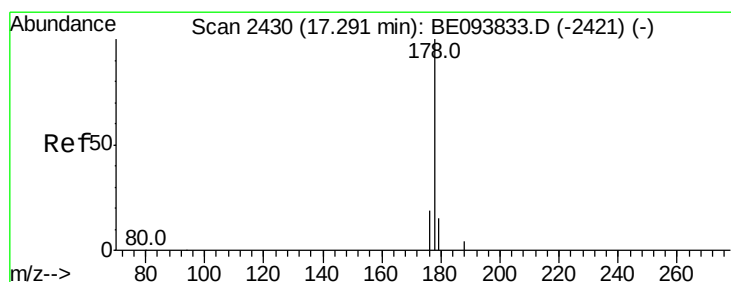
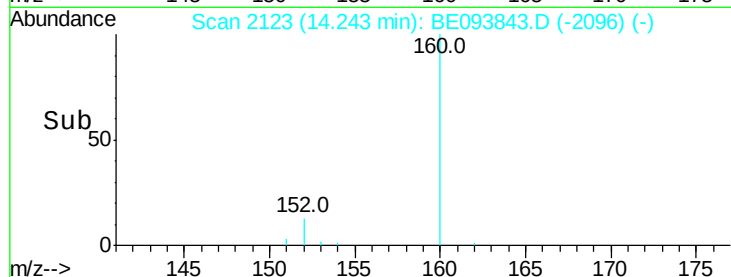
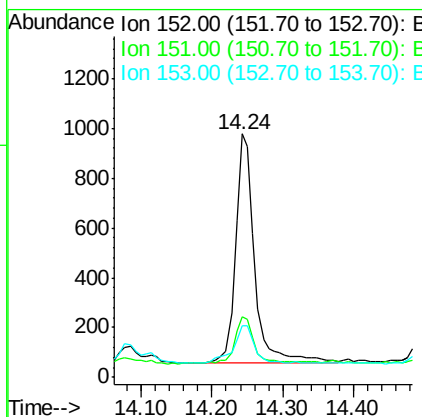
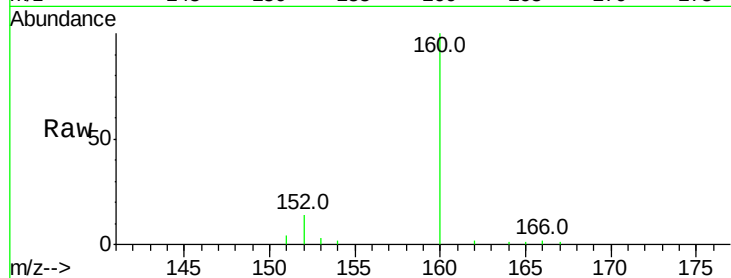
ClientSampleId :

C0AG3DL

Tot Ion:	152	Resp:	1751
Ion Ratio	Lower	Upper	
152	100		
151	25.1	17.1	25.7
153	21.3	12.8	19.2

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#12

Phenanthrene

Concen: 0.161 ng/ul

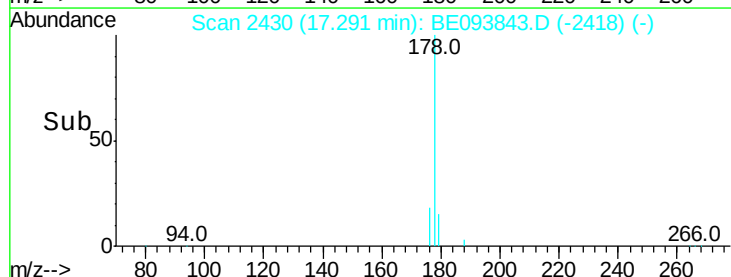
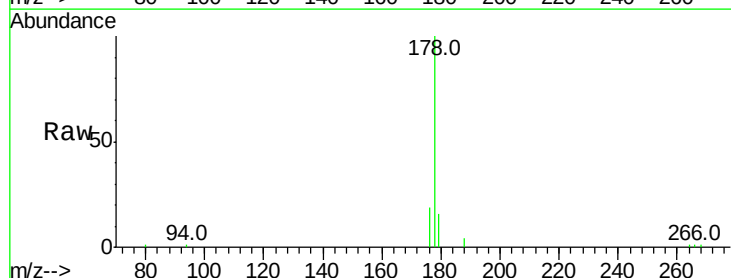
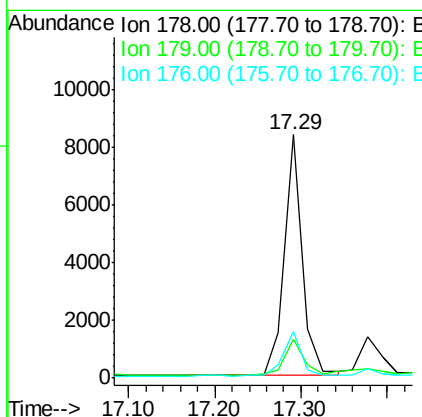
RT: 17.29 min Scan# 2430

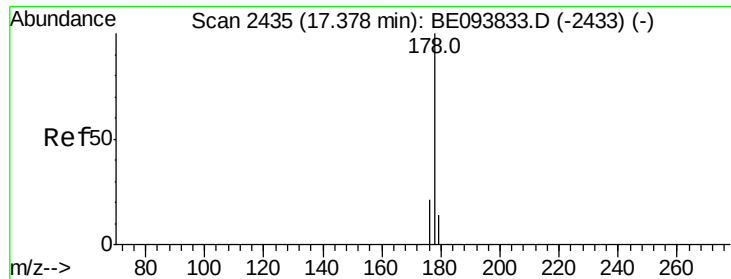
Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Tgt Ion:	178	Resp:	12275
Ion Ratio	Lower	Upper	
178	100		
179	16.0	18.4	27.6
176	18.9	13.6	20.4





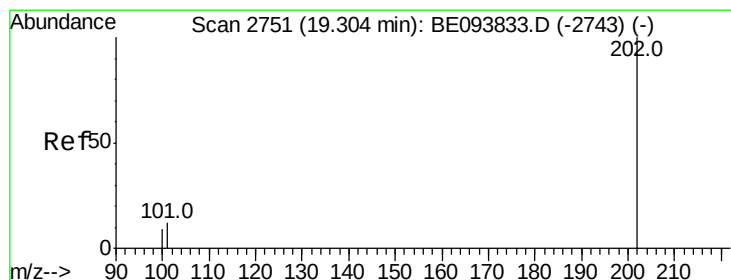
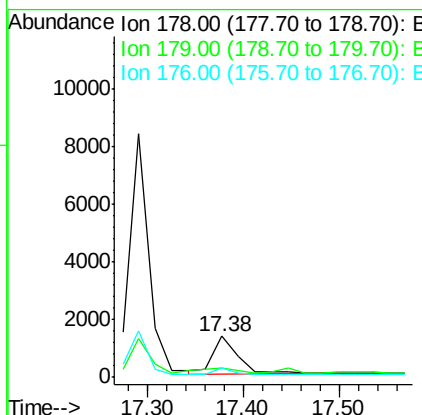
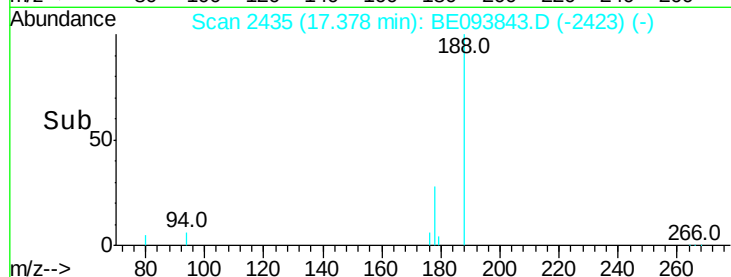
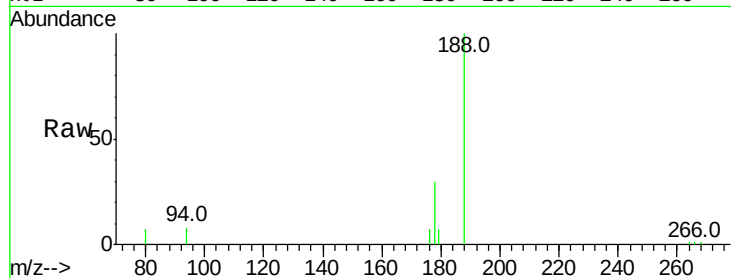
#13
 Anthracene
 Concen: 0.033 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BE093843.D
 Acq: 16 Aug 2017 16:55

Instrument :
 BNA_E
 ClientSampled :
 C0AG3DL

Tot Ion:178 Resp: 2472
 Ion Ratio Lower Upper
 178 100
 179 22.2 18.1 27.1
 176 23.5 14.7 22.1#

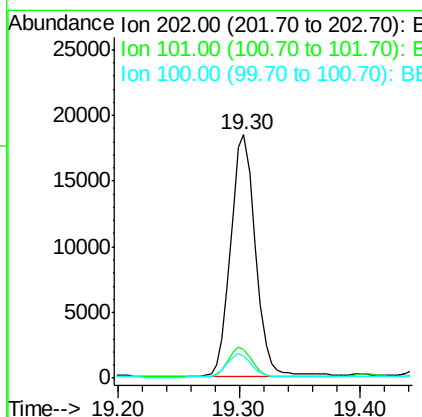
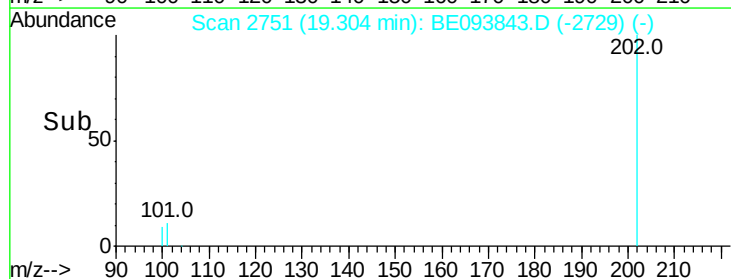
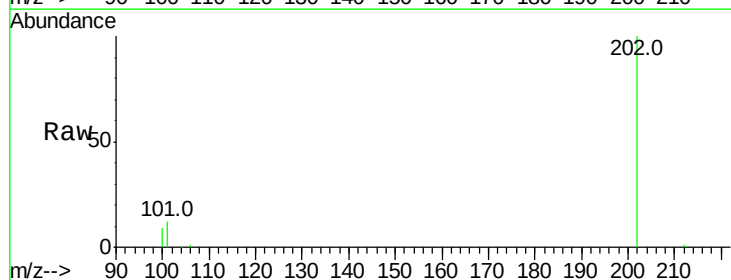
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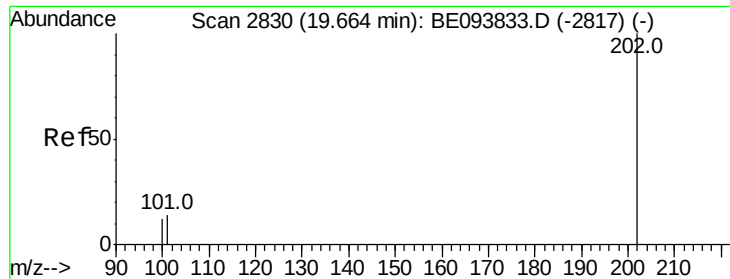
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#15
 Fluoranthene
 Concen: 0.273 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093843.D
 Acq: 16 Aug 2017 16:55

Tgt Ion:202 Resp: 26055
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 30.3
 100 9.1 0.0 39.5





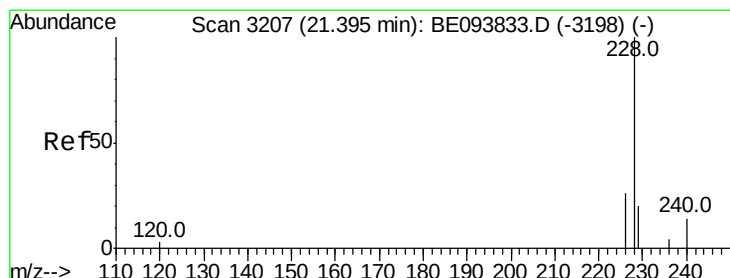
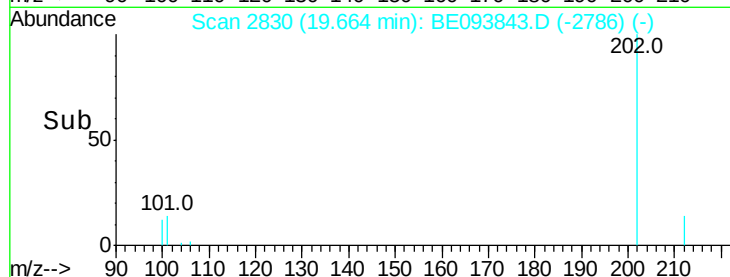
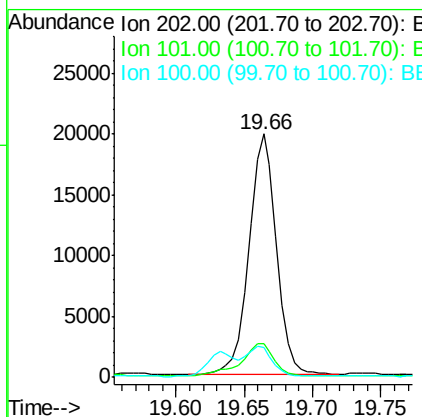
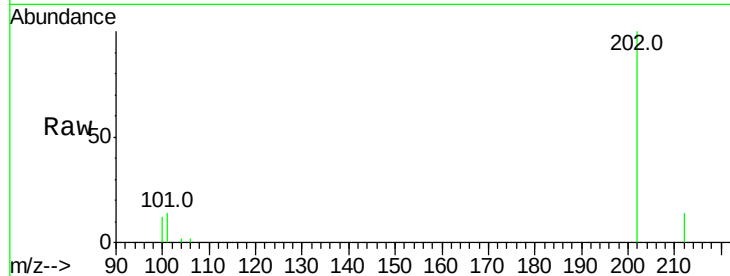
#17
 Pvrene
 Concen: 0.264 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE093843.D
 Acq: 16 Aug 2017 16:55

Instrument :
 BNA_E
 ClientSampled :
 C0AG3DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	18.2	27.4#
100	12.3	15.6	23.4#

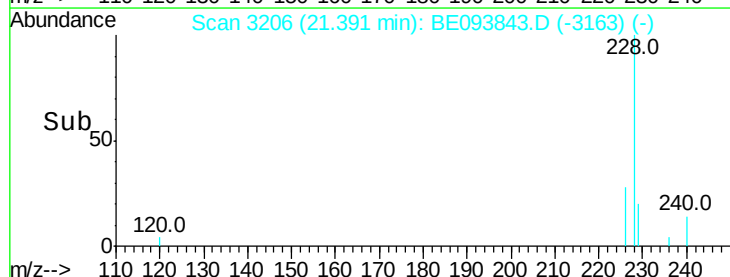
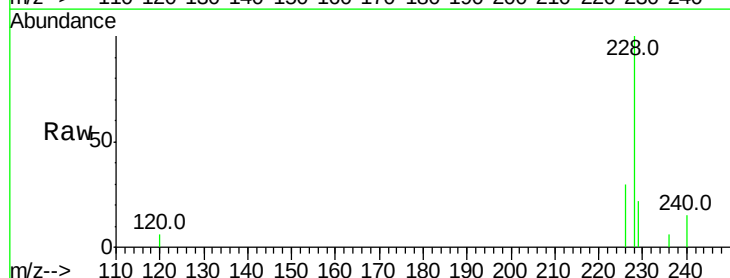
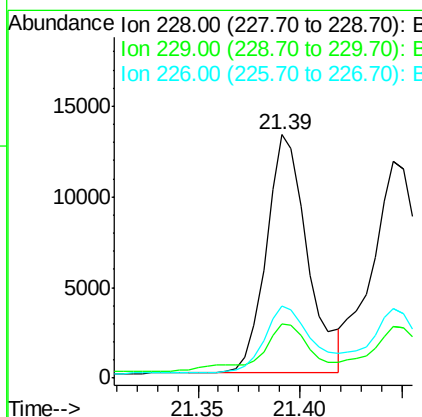
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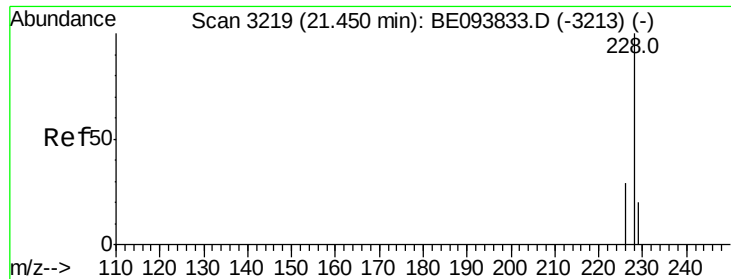
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#18
 Benzo(a)anthracene
 Concen: 0.176 ng/ul
 RT: 21.39 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: BE093843.D
 Acq: 16 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	29.7	17.0	25.6#





#19

Chrysene

Concen: 0.191 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

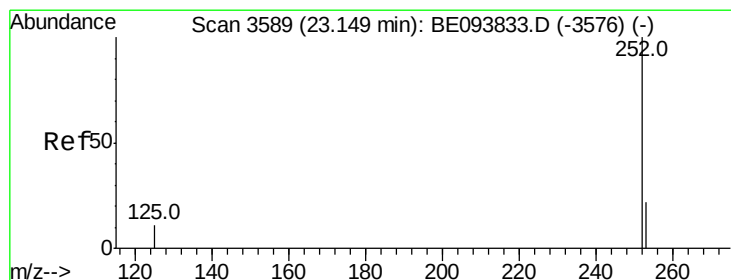
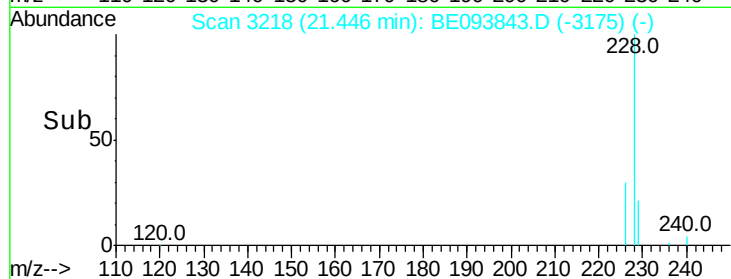
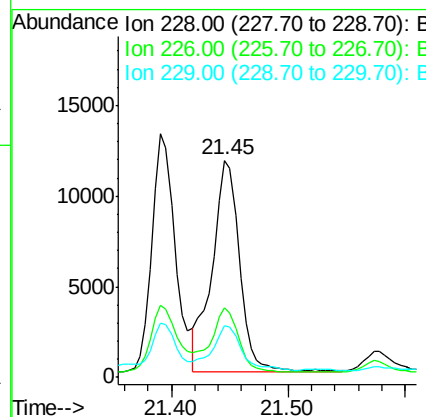
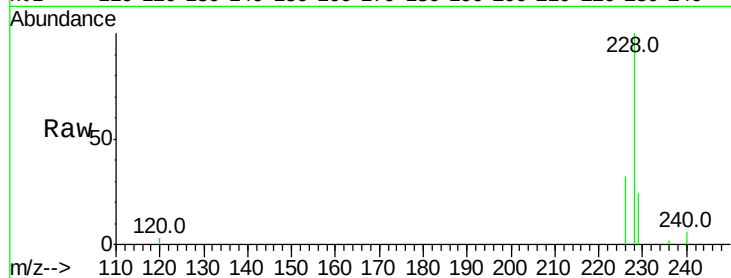
ClientSampleId :

C0AG3DL

Tot Ion:228	Resp:	19225
Ion Ratio	Lower	Upper
228 100		
226 31.9	23.4	35.0
229 23.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.157 ng/ul m

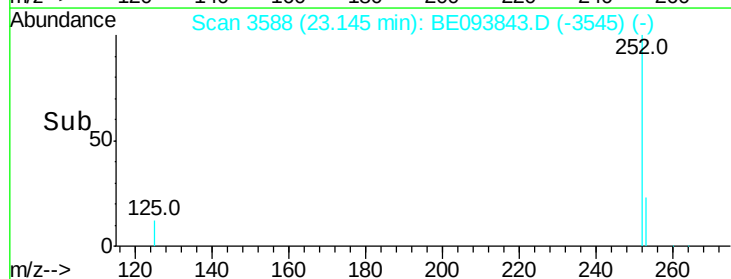
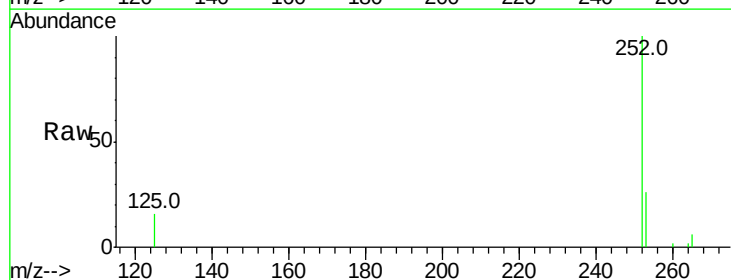
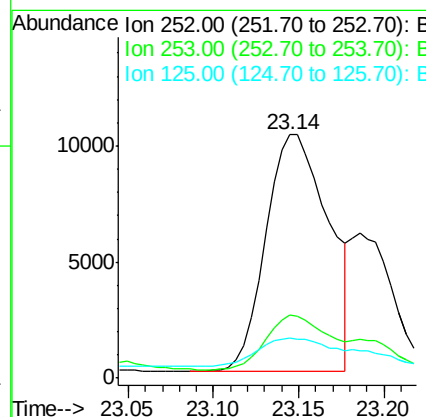
RT: 23.14 min Scan# 3588

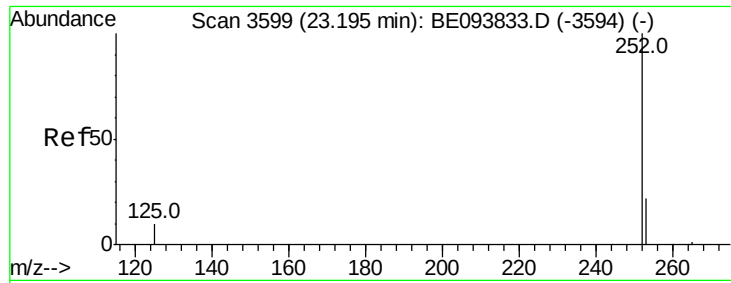
Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Tgt Ion:252	Resp:	25975
Ion Ratio	Lower	Upper
252 100		
253 25.7	0.0	64.2
125 16.5	0.0	35.0





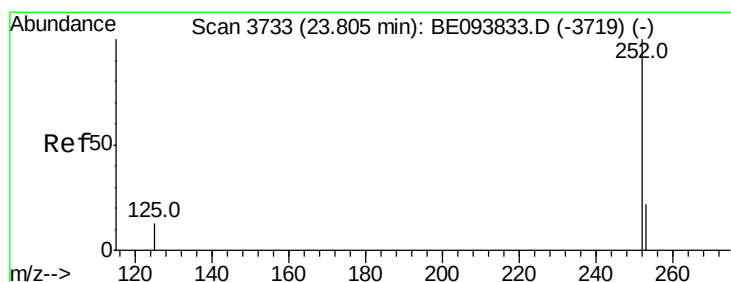
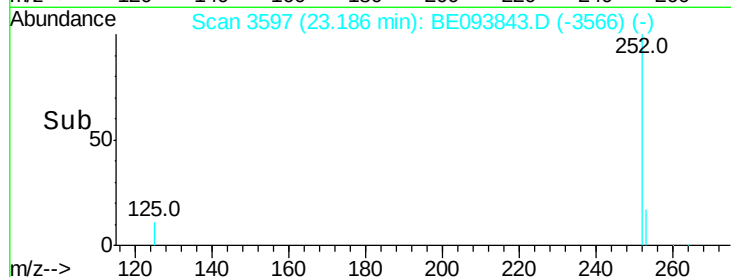
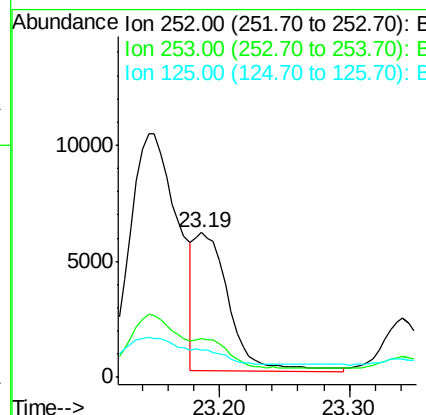
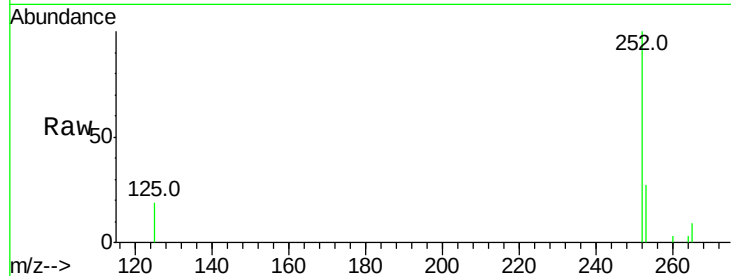
#22
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BE093843.D
Acq: 16 Aug 2017 16:55

Instrument :
BNA_E
ClientSampled :
C0AG3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	24.5	36.7
125	19.0	13.7	20.5

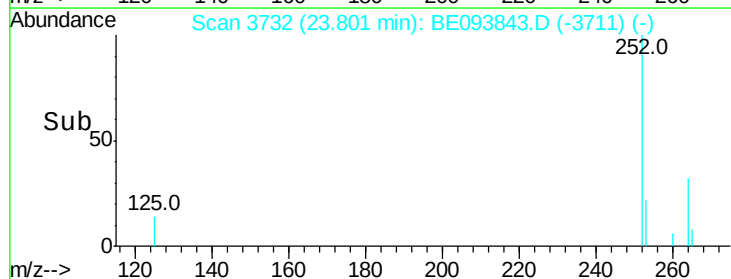
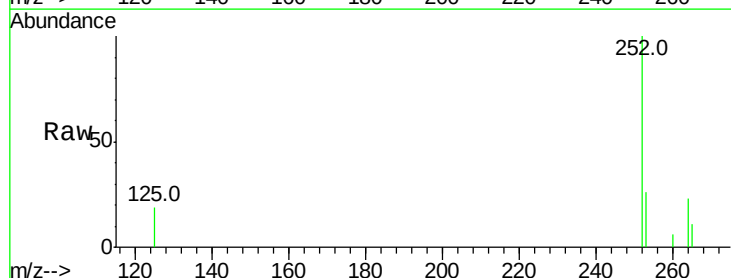
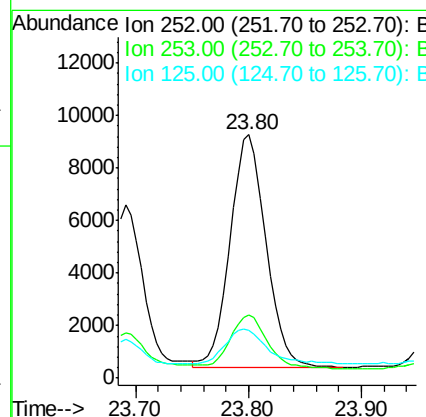
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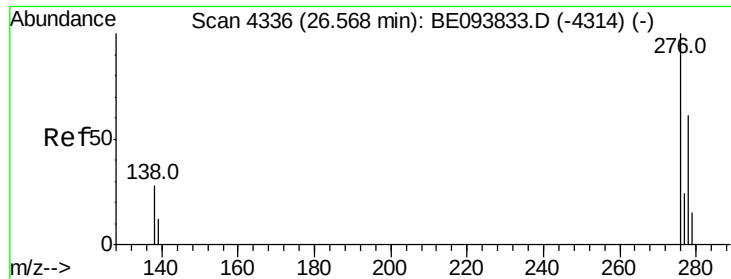
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#23
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE093843.D
Acq: 16 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	28.5	42.7#
125	19.5	18.1	27.1





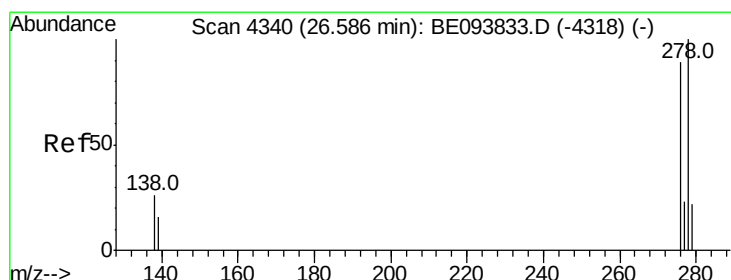
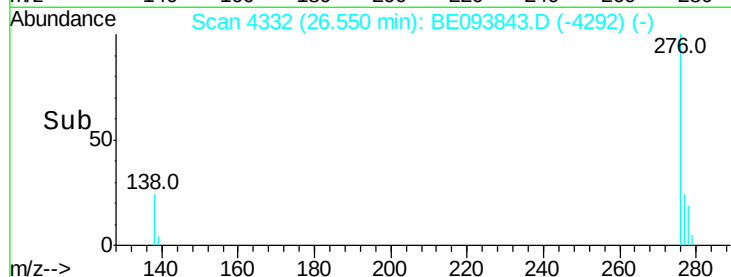
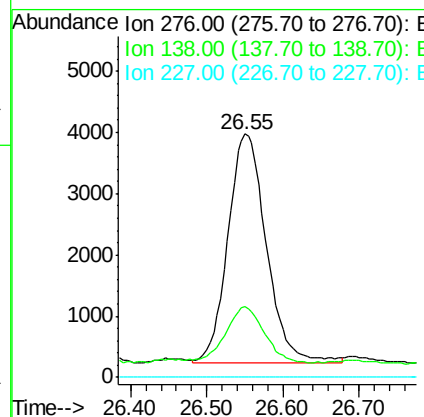
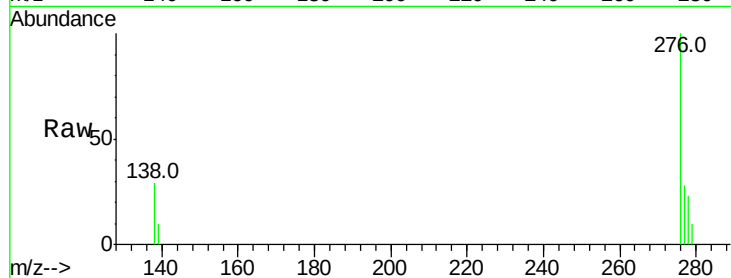
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.075 ng/ul
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.02 min
 Lab File: BE093843.D
 Acq: 16 Aug 2017 16:55

Instrument :
 BNA_E
 ClientSampleID :
 C0AG3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	28.0	42.0#
227	0.0	8.0	12.0#

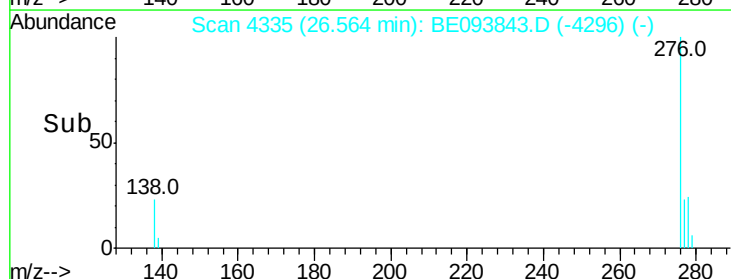
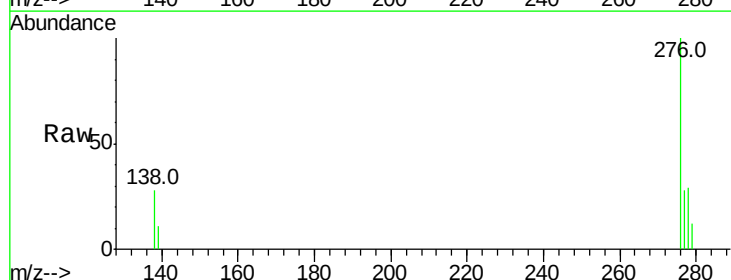
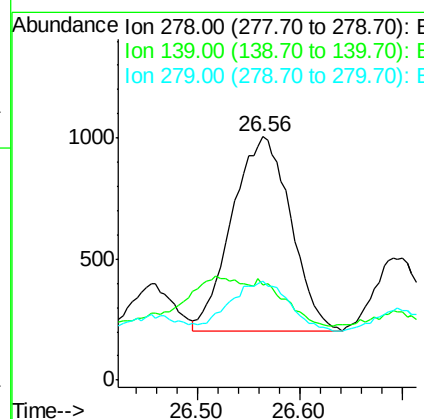
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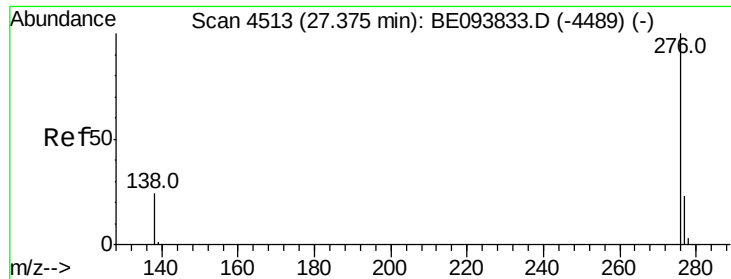
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 26.56 min Scan# 4335
 Delta R.T. -0.02 min
 Lab File: BE093843.D
 Acq: 16 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.9	17.4	26.0#
279	40.6	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.079 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. -0.00 min

Lab File: BE093843.D

Acq: 16 Aug 2017 16:55

Instrument :

BNA_E

ClientSampleId :

C0AG3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.8
277	27.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:33 PM

