

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093849.D
 Acq On : 16 Aug 2017 20:39
 Operator : SJ/JU
 Sample : I4672-17DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG1DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:41 PM

Quant Time: Aug 17 03:58:59 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 02:52:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	17045	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9747	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21238	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23601	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	22881	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	958	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2308	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	10958	0.264	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	7815	0.258	ng/ul	98
7) Acenaphthylene	14.24	152	6336	0.155	ng/ul	99
8) Acenaphthene	14.58	153	677	0.021	ng/ul	91
12) Phenanthrene	17.29	178	24185	0.418	ng/ul#	91
13) Anthracene	17.38	178	6258	0.111	ng/ul#	93
15) Fluoranthene	19.30	202	51728	0.715	ng/ul	84
17) Pyrene	19.66	202	49610	0.720	ng/ul#	80
18) Benzo(a)anthracene	21.39	228	33609	0.491	ng/ul#	85
19) Chrysene	21.44	228	33057	0.504	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	50702m	0.716	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	20066m	0.287	ng/ul	
23) Benzo(a)pyrene	23.80	252	35684	0.530	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.55	276	25741	0.346	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	6155	0.099	ng/ul#	95
26) Benzo(a,h,i)perylene	27.37	276	21476	0.343	ng/ul	99

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

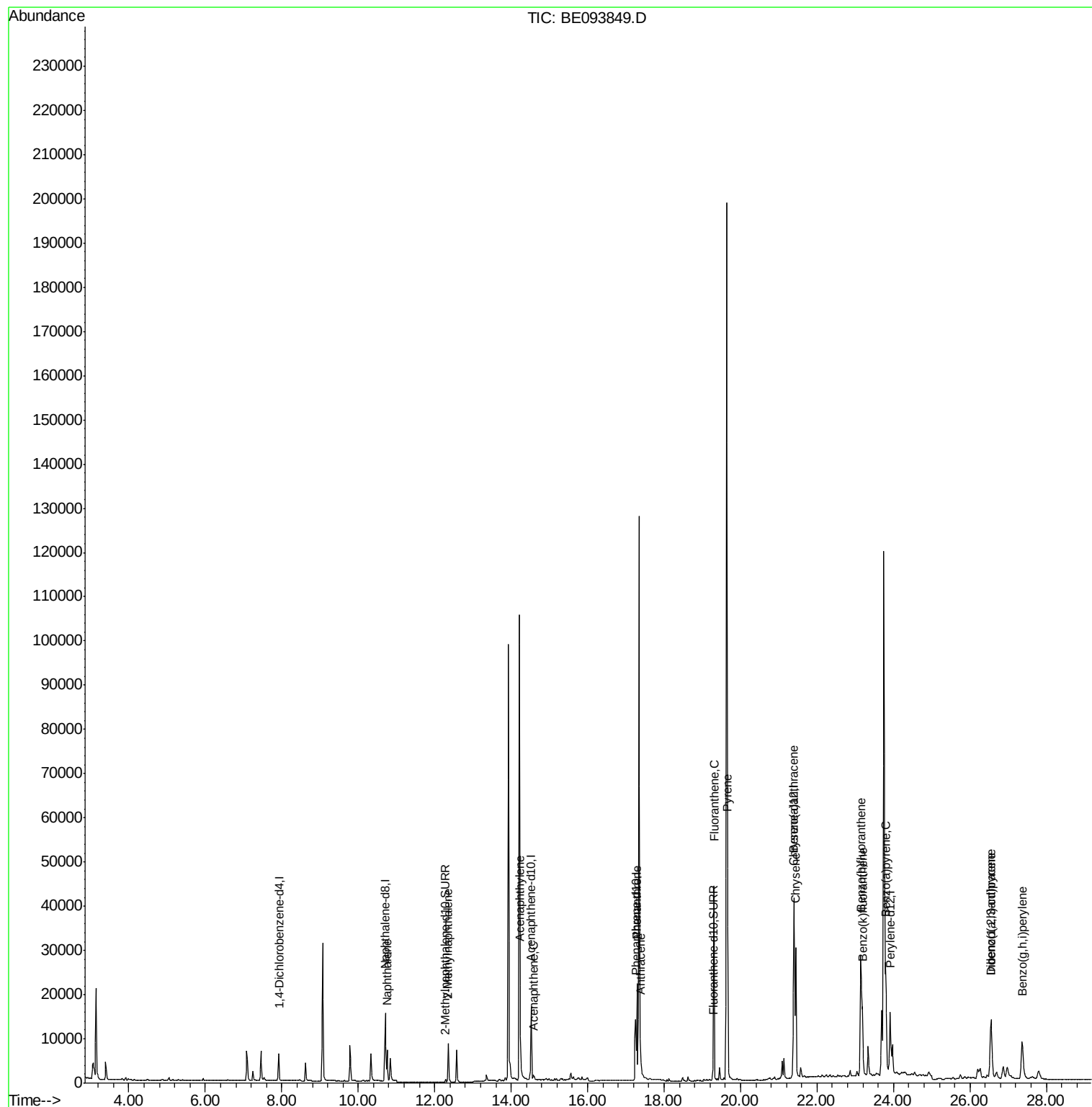
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093849.D
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ALS Vial : 17 Sample Multiplier: 1

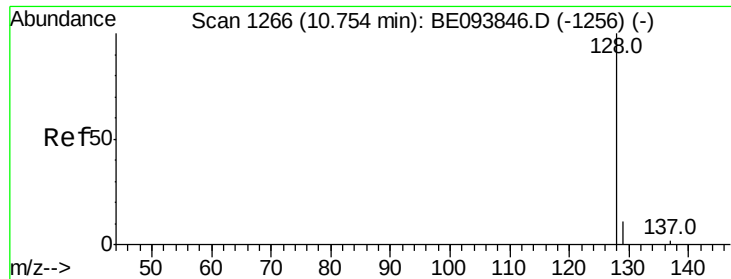
Instrument :
BNA_E
ClientSampleId :
C0AG1DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.264 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

ClientSampleId :

C0AG1DL

Tot Ion:128 Resp: 10958

Ion Ratio Lower Upper

128 100

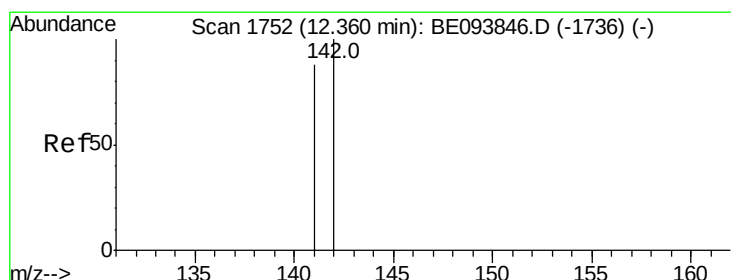
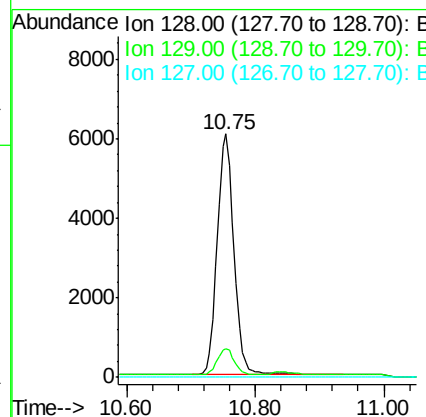
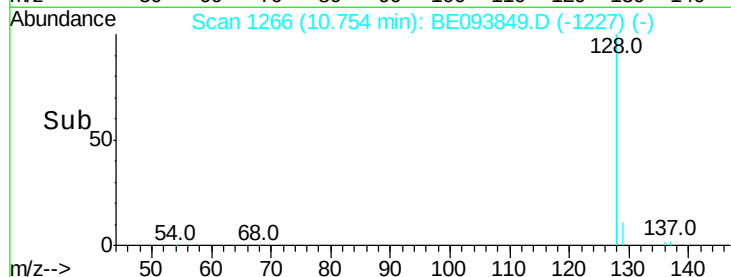
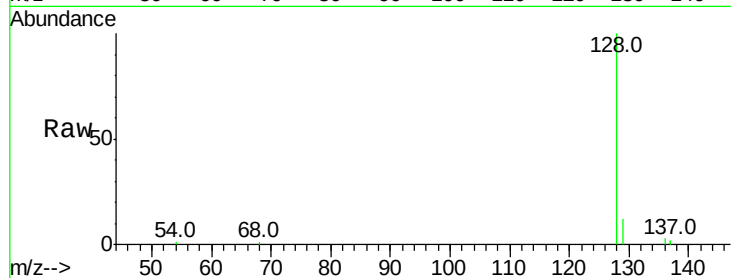
129 11.9 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.258 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093849.D

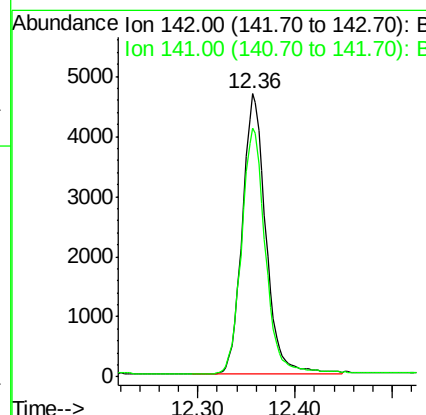
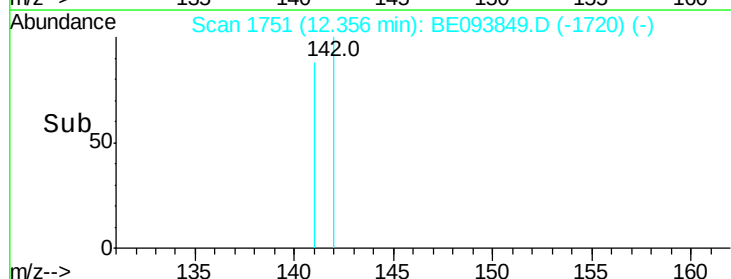
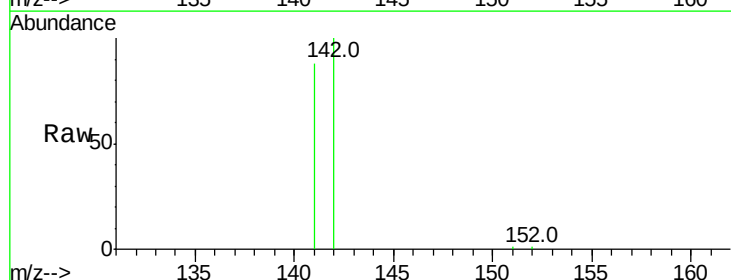
Acq: 16 Aug 2017 20:39

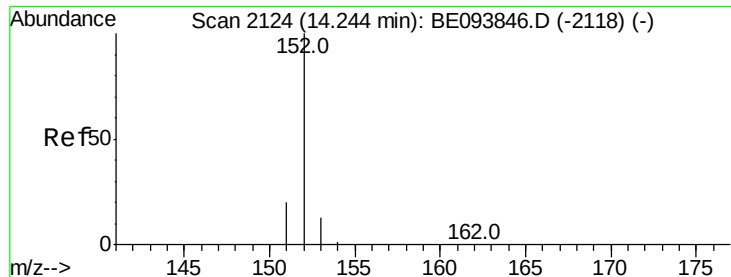
Tgt Ion:142 Resp: 7815

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

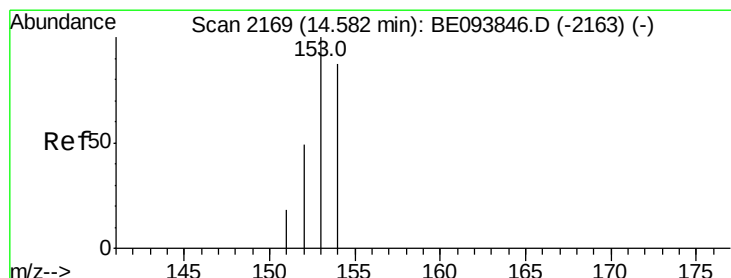
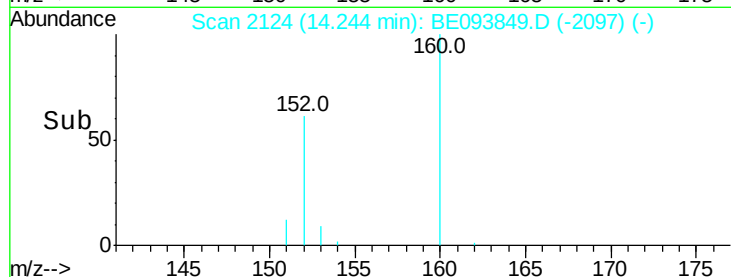
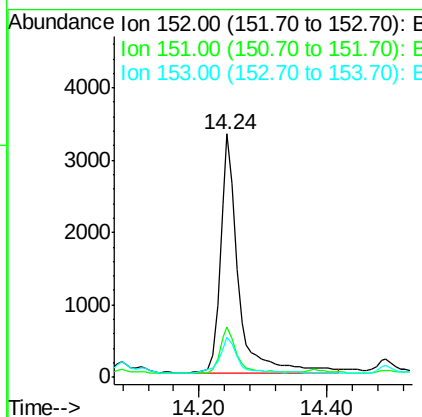
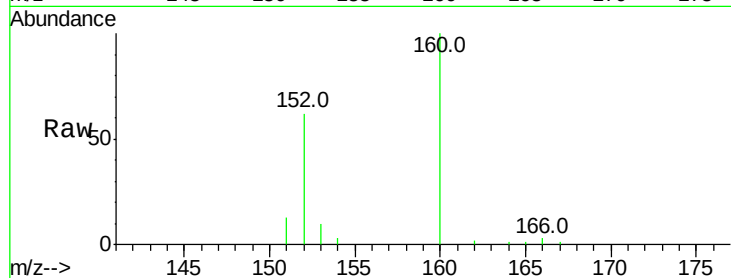
ClientSampleId :

C0AG1DL

Tot Ion:	152	Resp:	6336
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	16.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.021 ng/ul

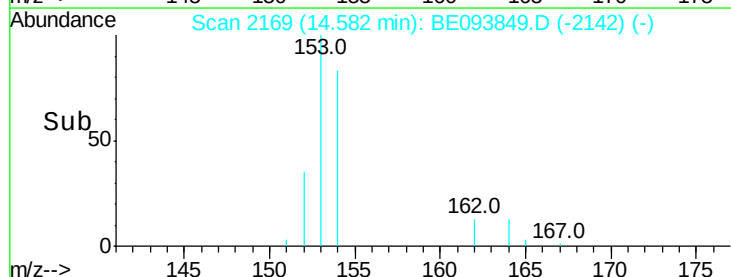
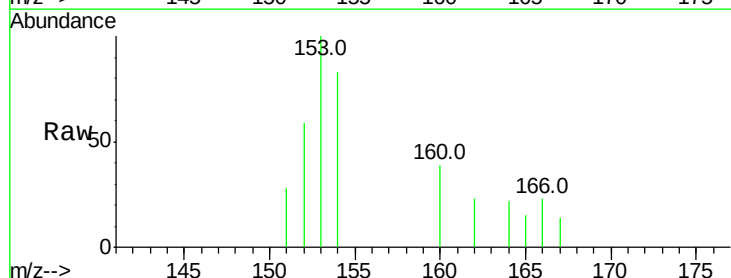
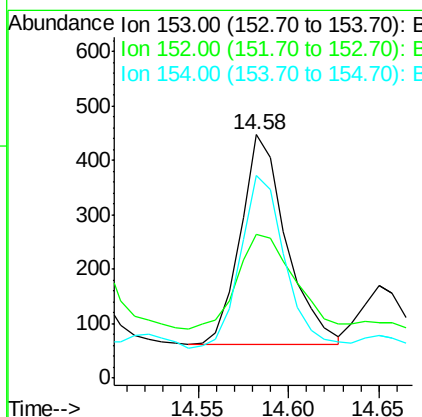
RT: 14.58 min Scan# 2169

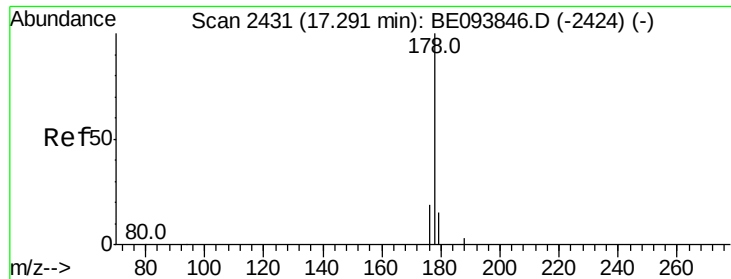
Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Tgt Ion:	153	Resp:	677
Ion Ratio	Lower	Upper	
153	100		
152	59.3	40.3	60.5
154	83.2	71.4	107.2





#12

Phenanthrene

Concen: 0.418 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

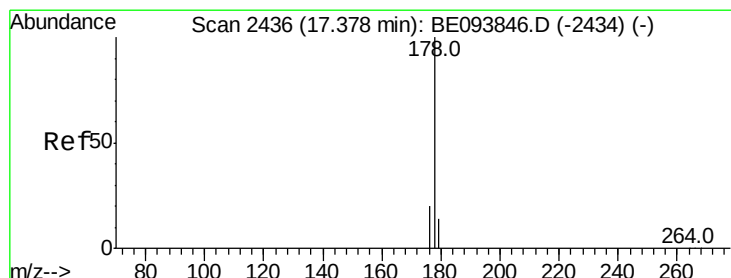
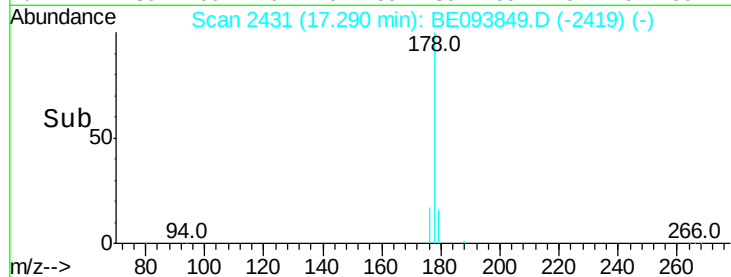
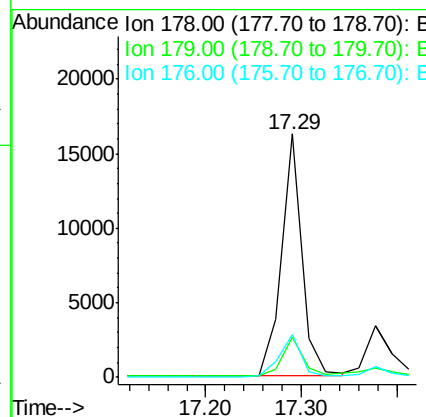
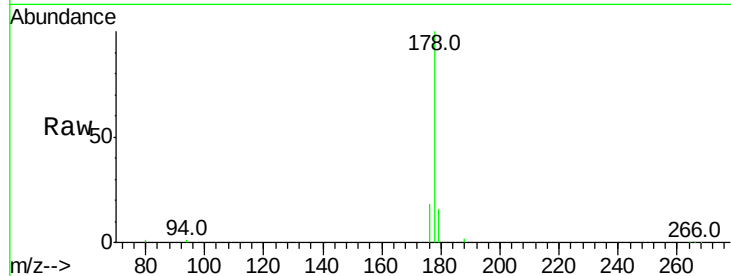
ClientSampleId :

C0AG1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	17.7	13.6	20.4

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#13

Anthracene

Concen: 0.111 ng/ul

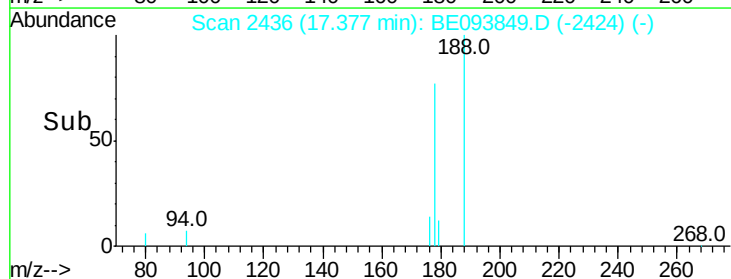
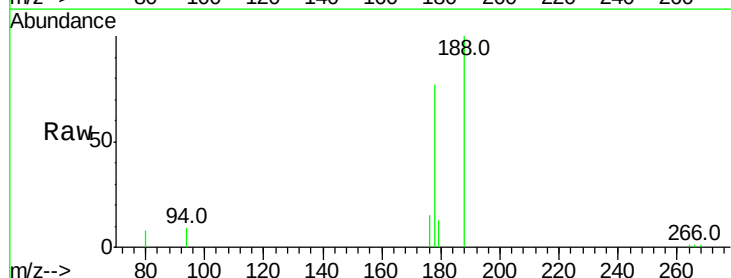
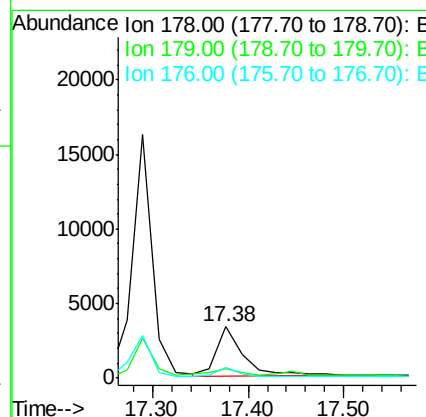
RT: 17.38 min Scan# 2436

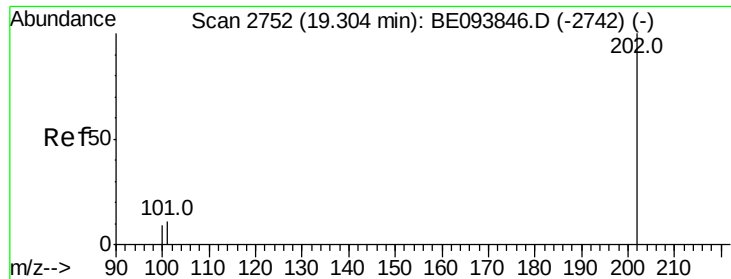
Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	19.8	14.7	22.1





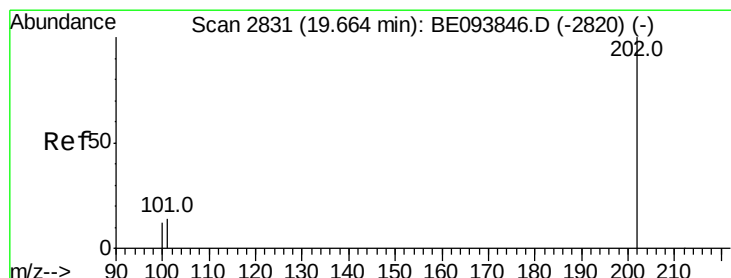
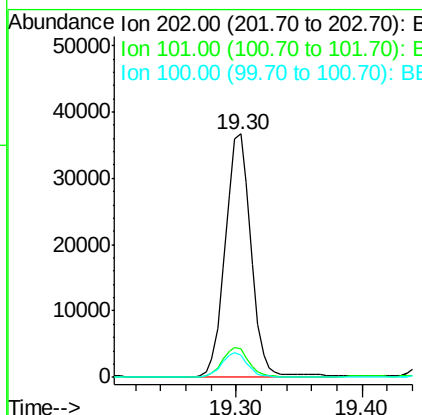
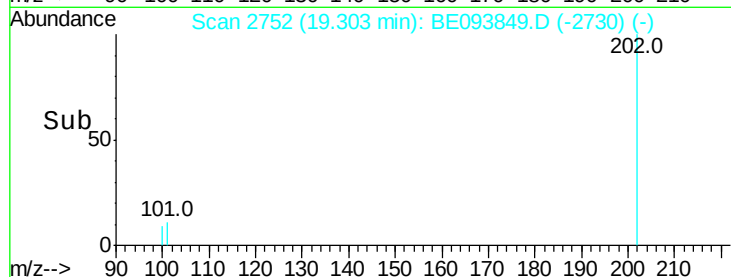
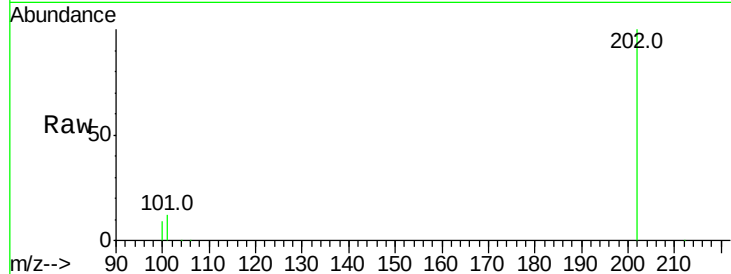
#15
Fluoranthene
Concen: 0.715 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Instrument :
BNA_E
ClientSampleId :
C0AG1DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.1	0.0	39.5

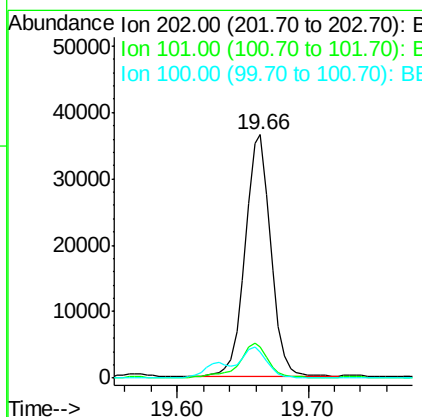
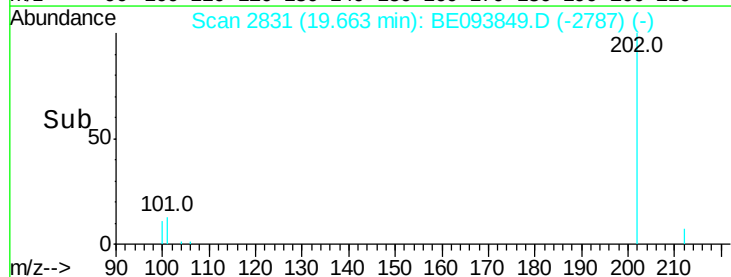
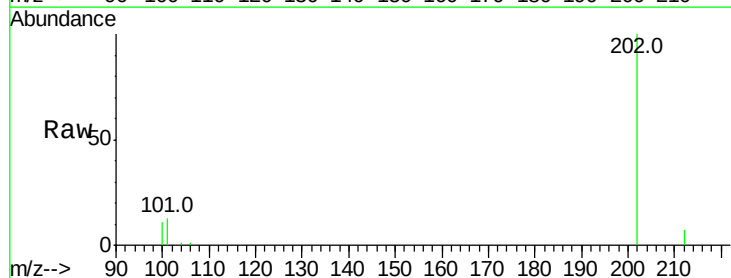
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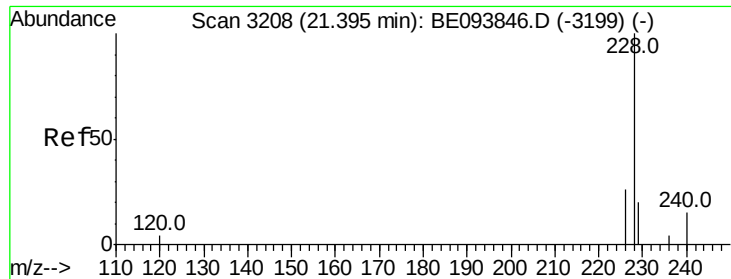
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#17
Pyrene
Concen: 0.720 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	10.9	15.6	23.4#





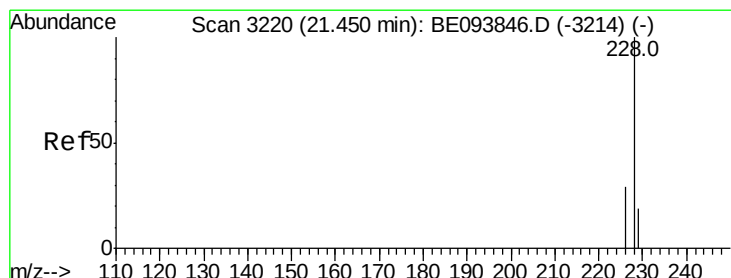
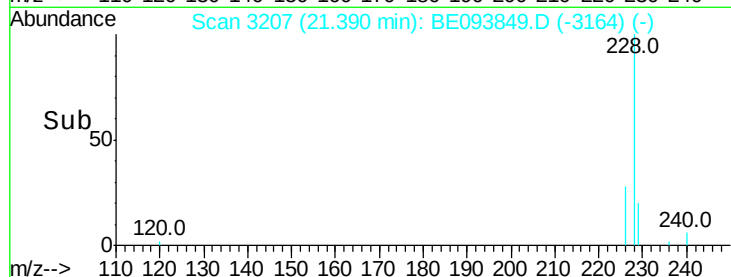
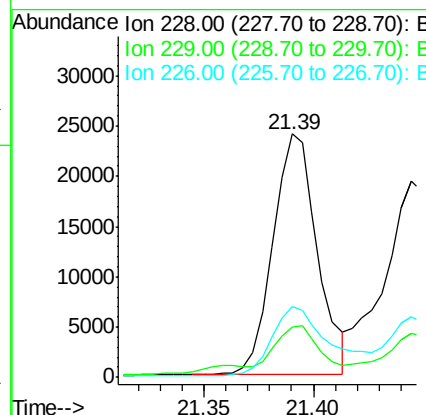
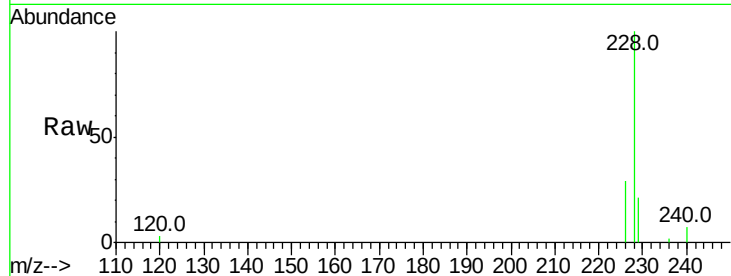
#18
Benzo(a)anthracene
Concen: 0.491 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Instrument :
BNA_E
ClientSampleId :
C0AG1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	29.1	17.0	25.6#

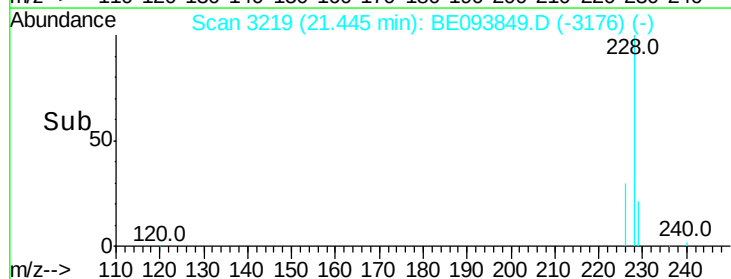
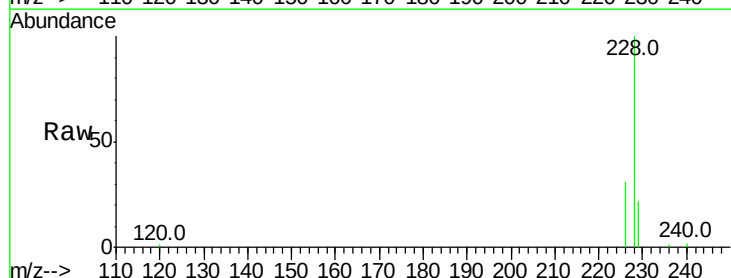
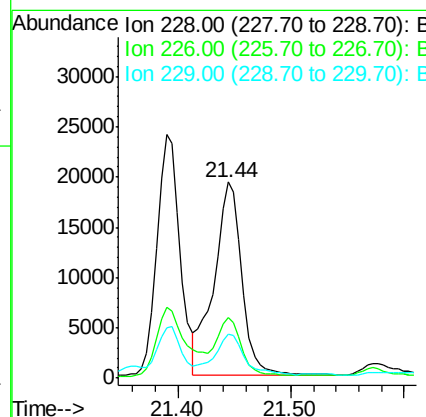
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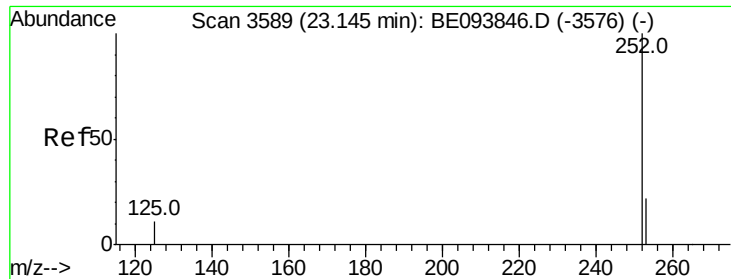
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#19
Chrysene
Concen: 0.504 ng/ul
RT: 21.44 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	22.2	17.7	26.5





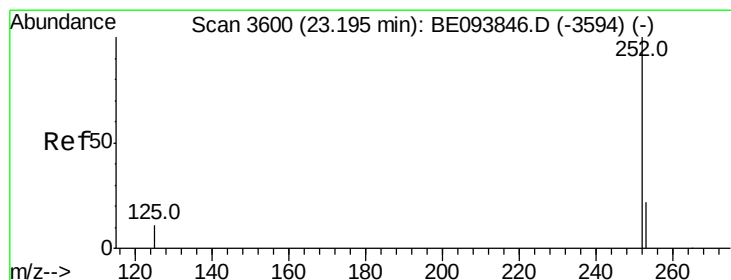
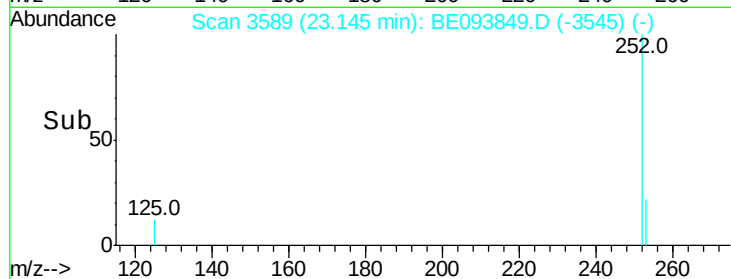
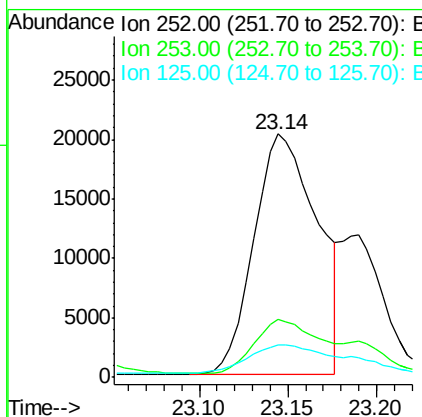
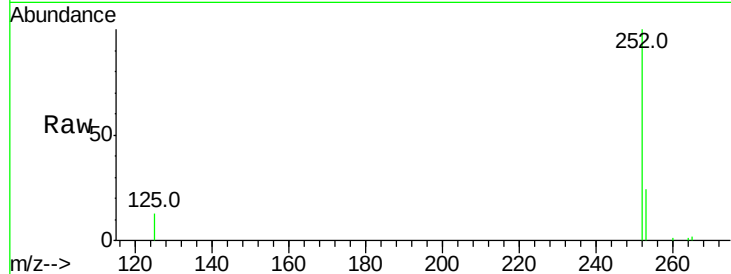
#21
Benzo(b)fluoranthene
Concen: 0.716 ng/ul m
RT: 23.14 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Instrument :
BNA_E
ClientSampled :
C0AG1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	13.4	0.0	35.0

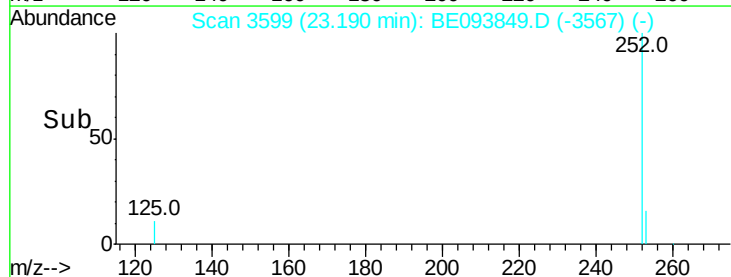
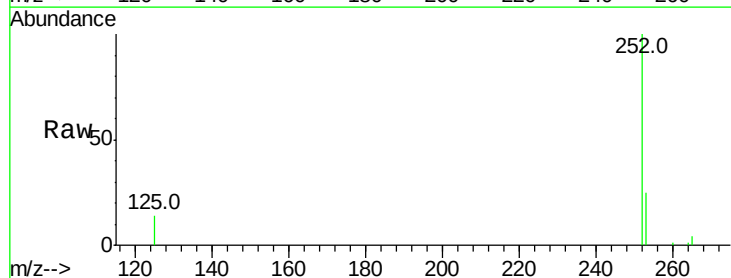
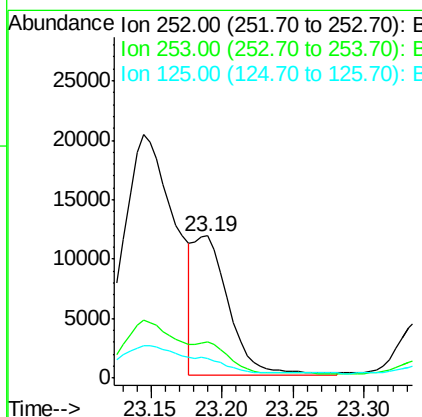
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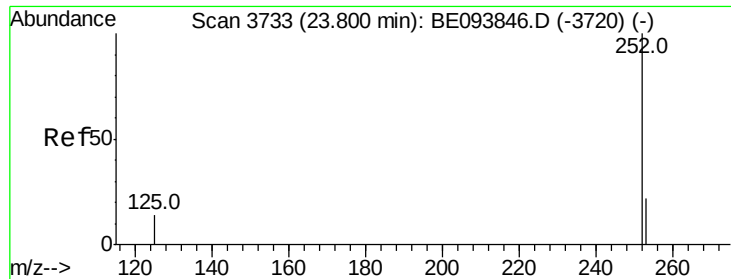
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#22
Benzo(k)fluoranthene
Concen: 0.287 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	24.5	36.7
125	13.8	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.530 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Instrument :

BNA_E

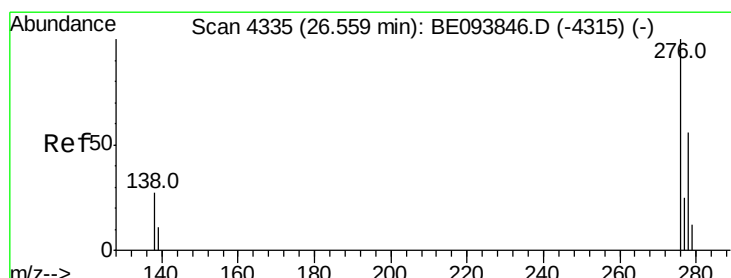
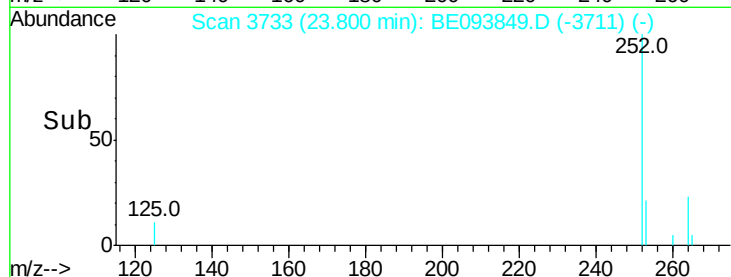
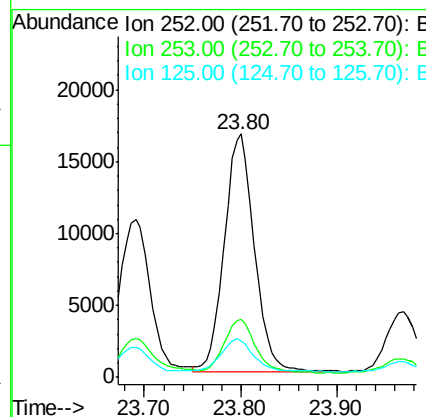
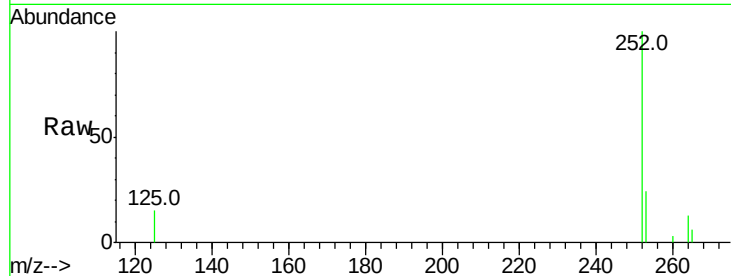
ClientSampled :

C0AG1DL

Tot Ion:	252	Resp:	35684
Ion Ratio	Lower	Upper	
252	100		
253	23.8	28.5	42.7#
125	15.0	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.346 ng/ul

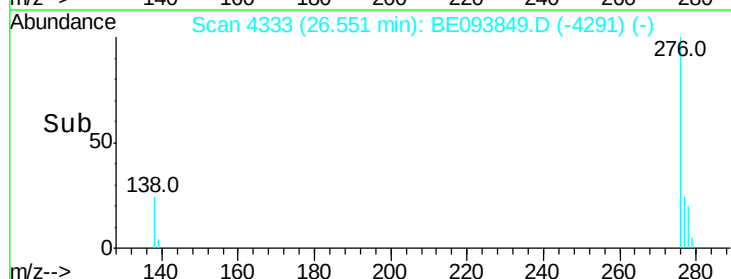
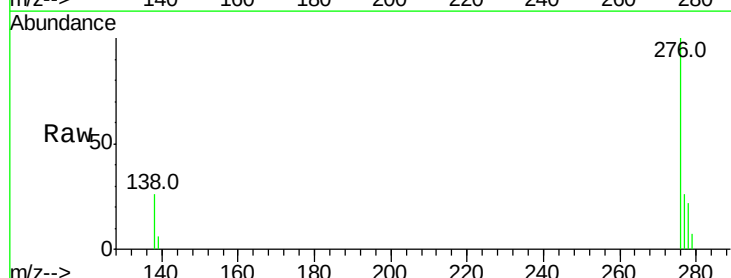
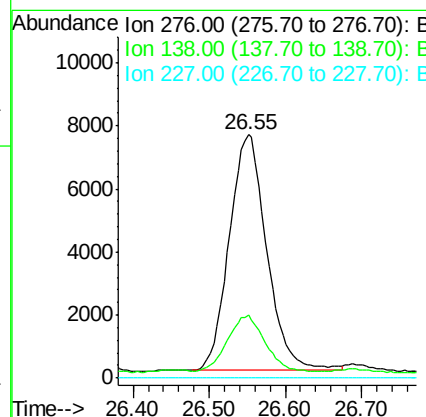
RT: 26.55 min Scan# 4333

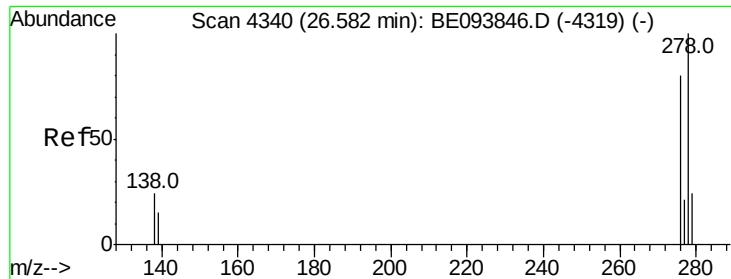
Delta R.T. -0.01 min

Lab File: BE093849.D

Acq: 16 Aug 2017 20:39

Tgt Ion:	276	Resp:	25741
Ion Ratio	Lower	Upper	
276	100		
138	24.3	28.0	42.0#
227	0.0	8.0	12.0#





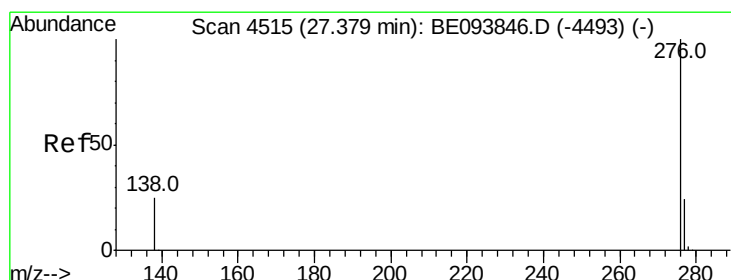
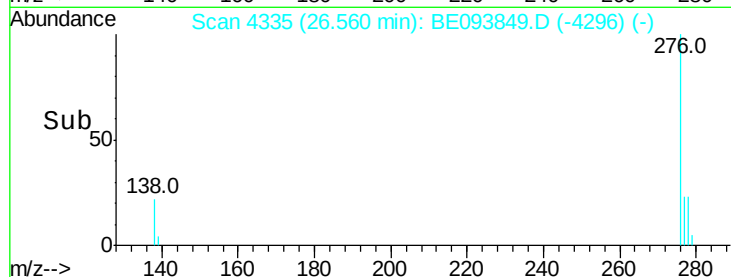
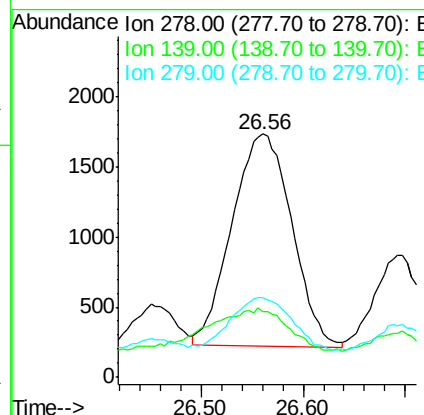
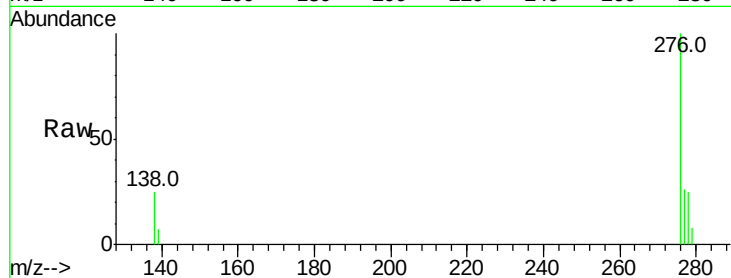
#25
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.02 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Instrument :
BNA_E
ClientSampleId :
C0AG1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.2	17.4	26.0#
279	32.5	25.9	38.9

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:41 PM



#26
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 27.37 min Scan# 4512
Delta R.T. -0.01 min
Lab File: BE093849.D
Acq: 16 Aug 2017 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.8
277	25.8	20.5	30.7

