

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
 Data File : BE093581.D
 Acq On : 25 Jul 2017 17:25
 Operator : SJ/JU
 Sample : I4209-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B06

Manual Integrations
 APPROVED

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 7/26/2017 5:55:50 PM

Quant Time: Jul 25 18:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 18:00:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2321	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12463	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8386	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20425m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22105	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18237m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6447	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	21080	0.33	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	2611	0.086	ng/ul#	96
8) Acenaphthene	14.59	153	1256	0.046	ng/ul	98
12) Phenanthrene	17.29	178	4906	0.088	ng/ul#	89
13) Anthracene	17.38	178	1976	0.036	ng/ul#	75
15) Fluoranthene	19.30	202	13570	0.195	ng/ul	84
17) Pyrene	19.67	202	17607	0.273	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	12360	0.193	ng/ul#	88
19) Chrysene	21.45	228	12426	0.202	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	23647	0.419	ng/ul	91
22) Benzo(k)fluoranthene	23.19	252	8785m	0.158	ng/ul	
23) Benzo(a)pyrene	23.81	252	21608m	0.403	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	15267m	0.258	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	4222m	0.085	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	15018m	0.301	ng/ul	

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

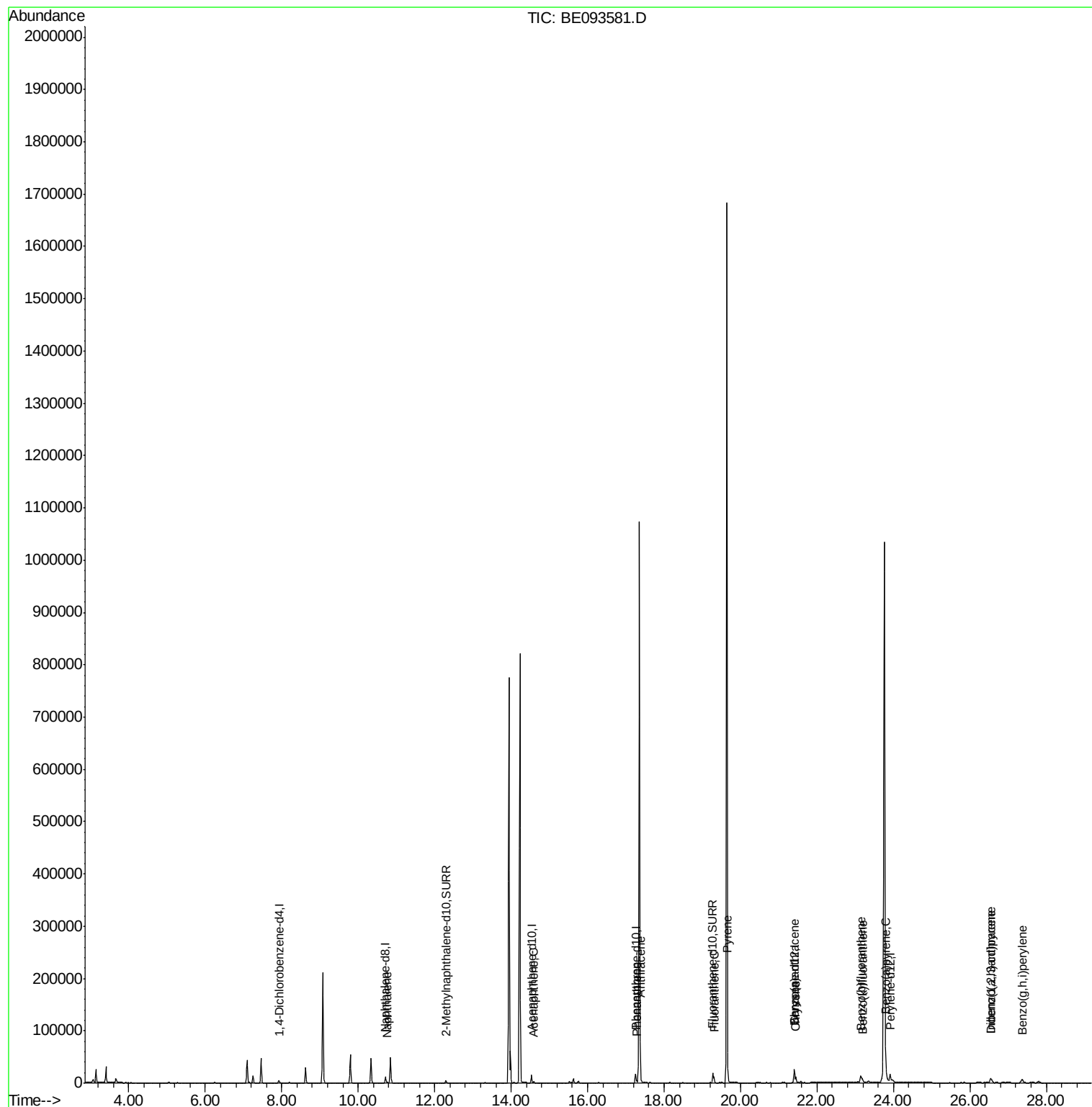
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093581.D
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ALS Vial : 7 Sample Multiplier: 1

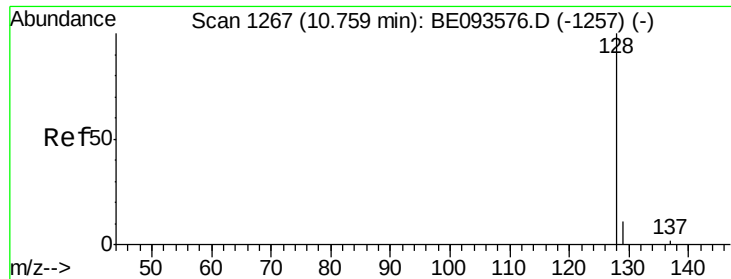
Instrument :
BNA_E
ClientSampleId :
C0B06

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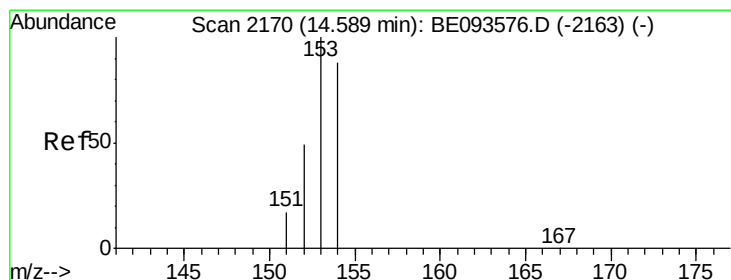
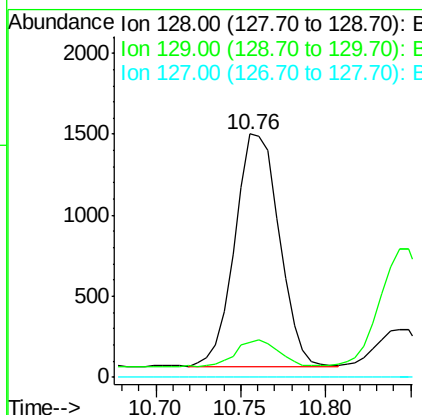
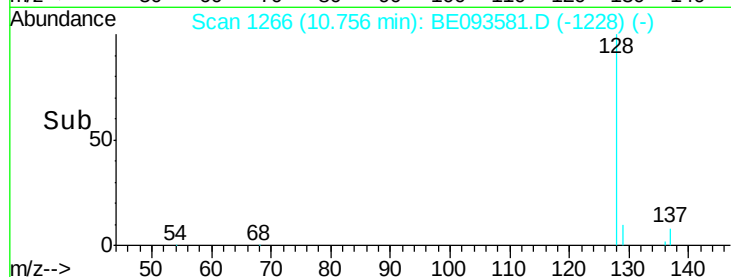
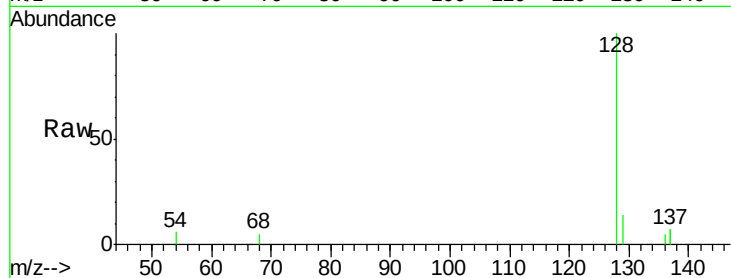
#3
Naphthalene
Concen: 0.086 ng/ul
RT: 10.76 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093581.D
Acq: 25 Jul 2017 17:25

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0

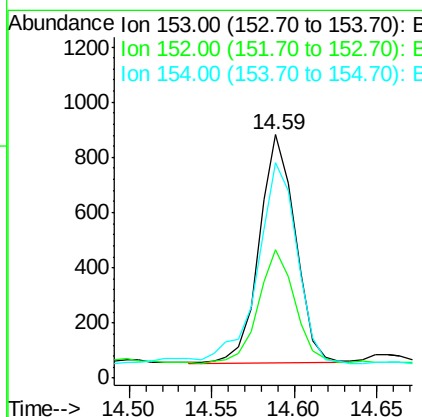
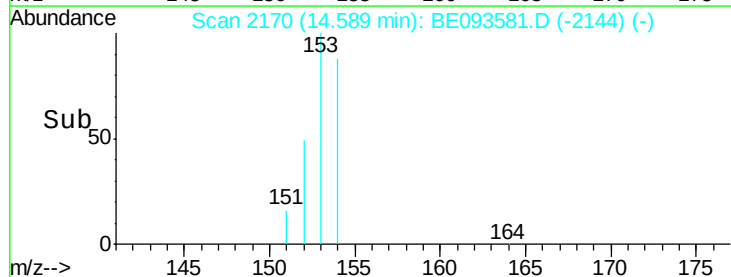
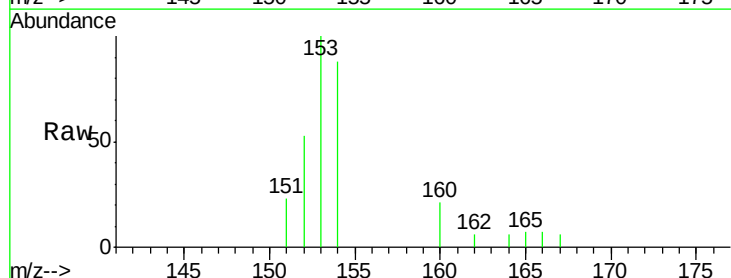
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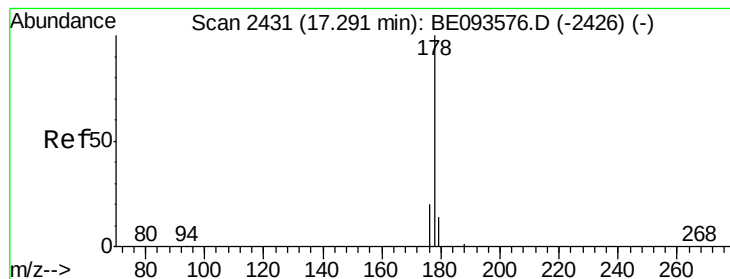
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#8
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BE093581.D
Acq: 25 Jul 2017 17:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.9	40.3	60.5
154	88.3	71.4	107.2





#12

Phenanthrene

Concen: 0.088 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Instrument :

BNA_E

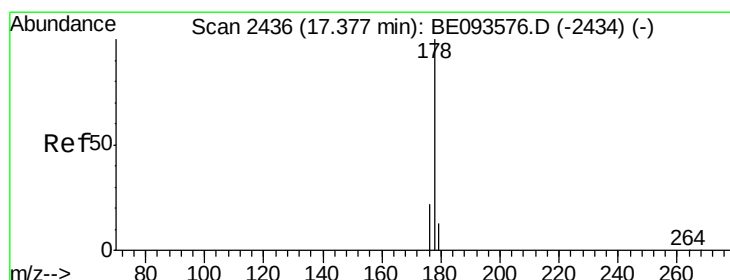
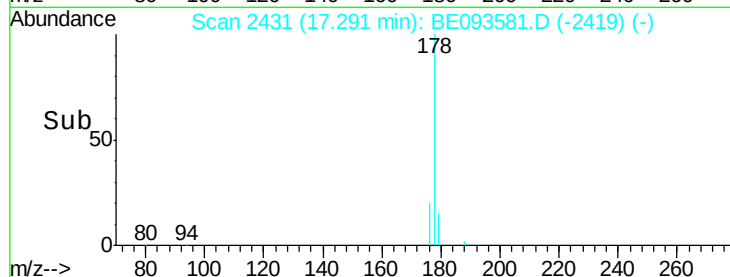
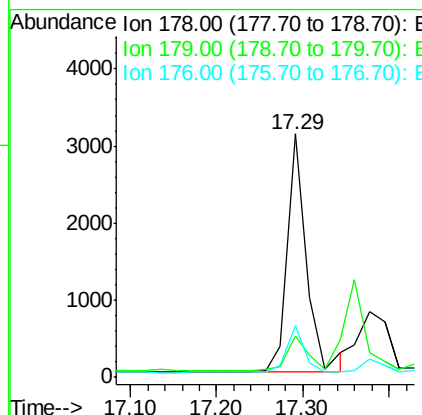
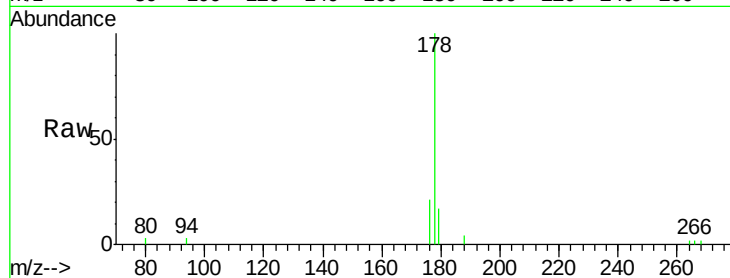
ClientSampleId :

C0B06

Tgt Ion:	178	Resp:	4906
Ion Ratio	Lower	Upper	
178	100		
179	17.2	18.4	27.6#
176	21.2	13.6	20.4#

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#13

Anthracene

Concen: 0.036 ng/ul

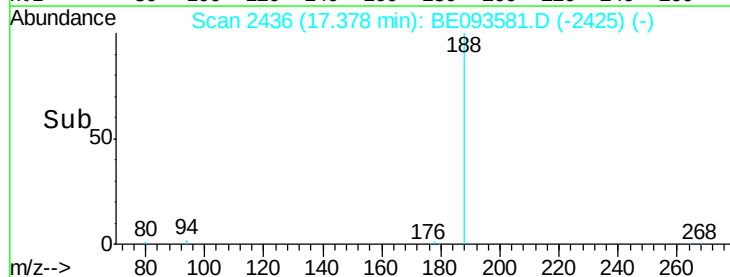
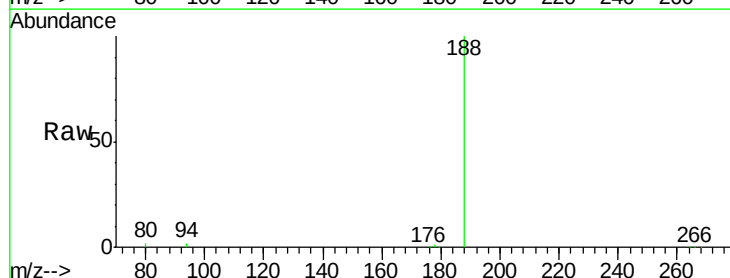
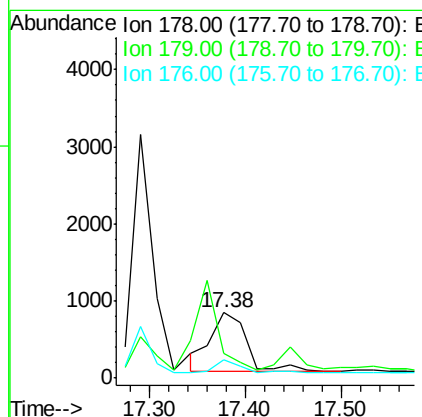
RT: 17.38 min Scan# 2436

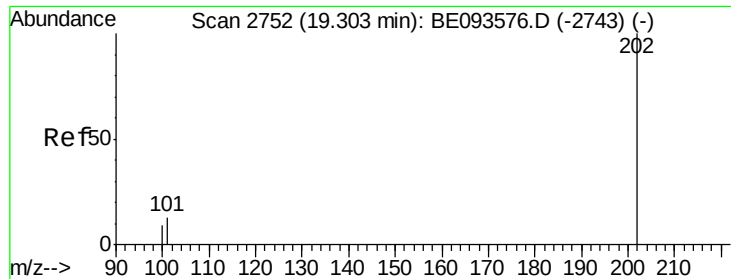
Delta R.T. -0.02 min

Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Tgt Ion:	178	Resp:	1976
Ion Ratio	Lower	Upper	
178	100		
179	37.1	18.1	27.1#
176	27.1	14.7	22.1#





#15

Fluoranthene

Concen: 0.195 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Instrument :

BNA_E

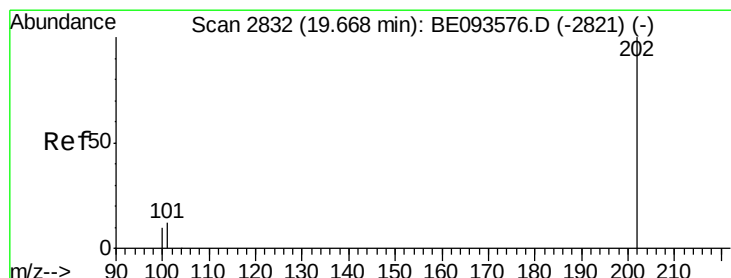
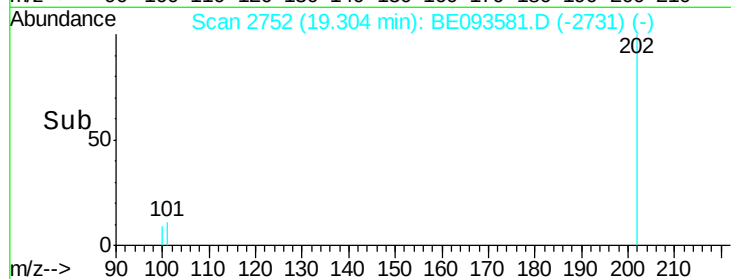
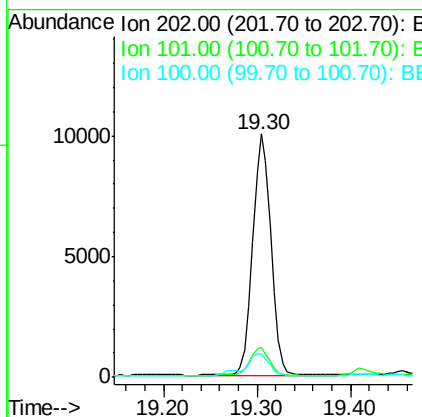
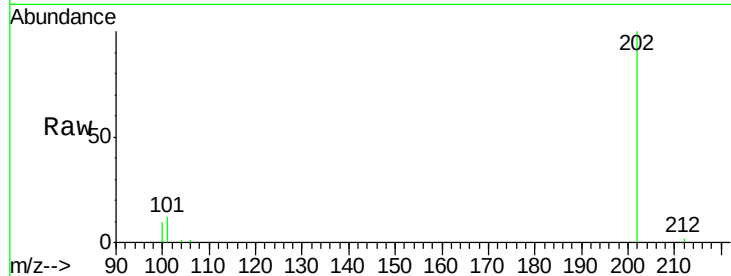
ClientSampled :

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Tgt Ion:	202	Resp:	13570
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.3
100	9.8	0.0	39.5

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#17

Pyrene

Concen: 0.273 ng/ul

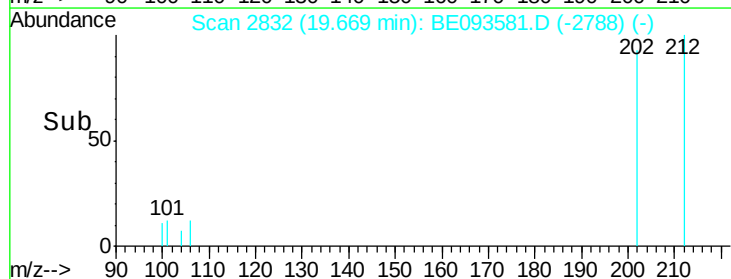
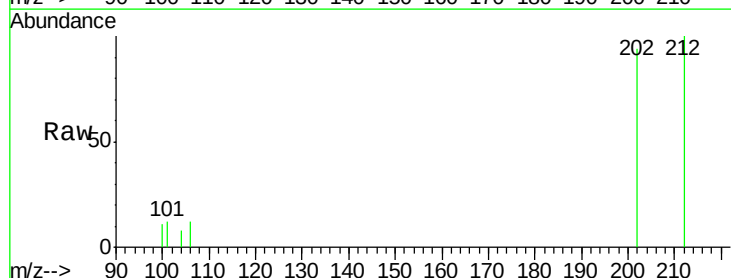
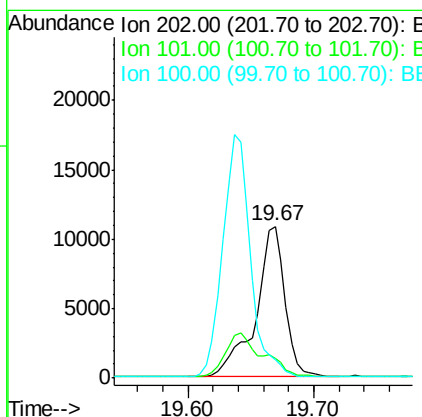
RT: 19.67 min Scan# 2832

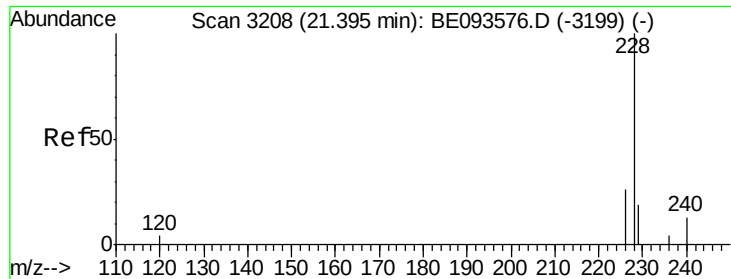
Delta R.T. 0.00 min

Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Tgt Ion:	202	Resp:	17607
Ion Ratio	Lower	Upper	
202	100		
101	13.3	18.2	27.4#
100	12.1	15.6	23.4#





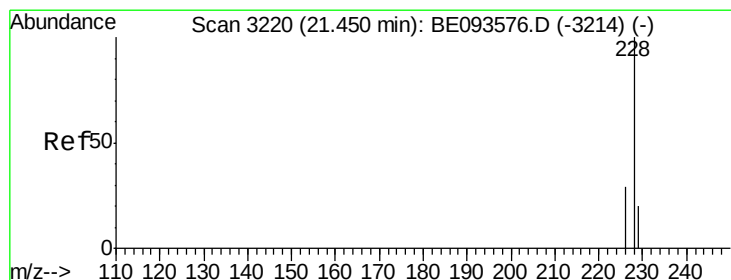
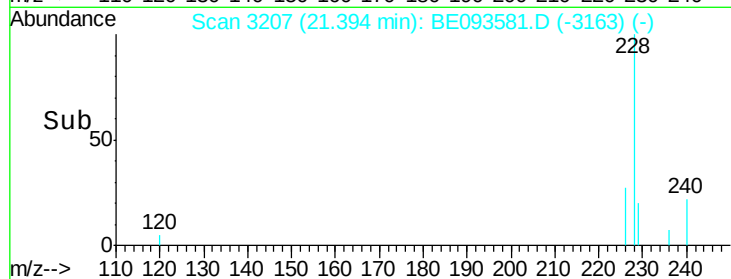
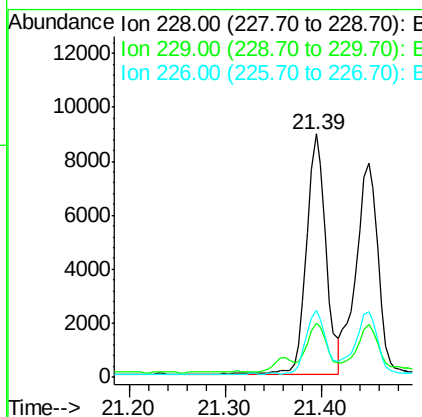
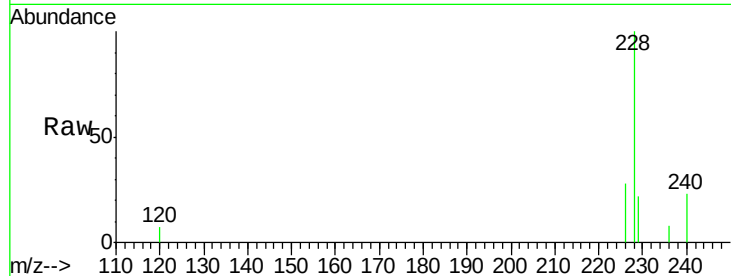
#18
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093581.D
Acq: 25 Jul 2017 17:25

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	22.8	34.2#
226	27.7	17.0	25.6#

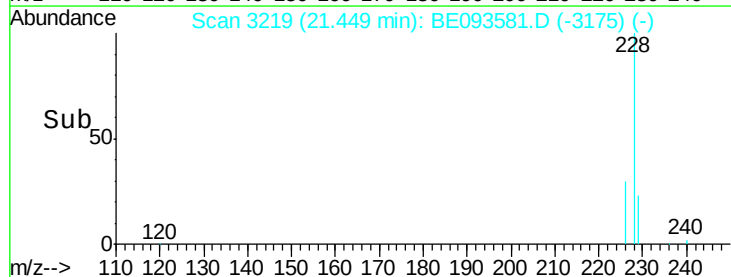
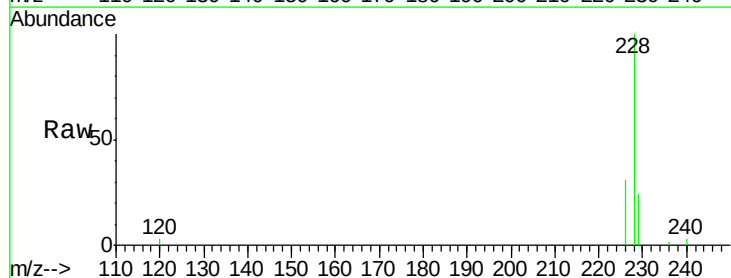
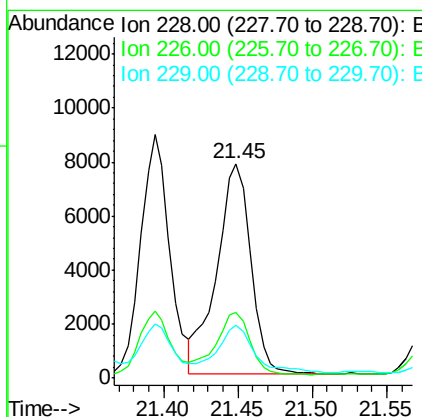
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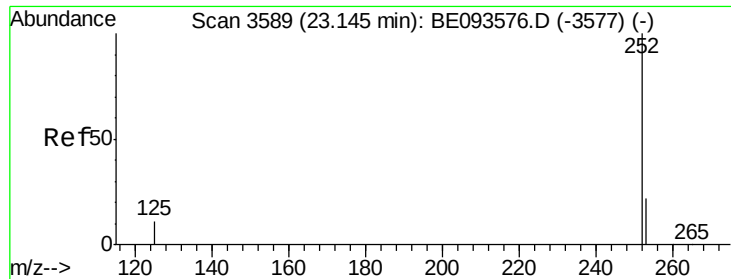
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#19
Chrysene
Concen: 0.202 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093581.D
Acq: 25 Jul 2017 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	24.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.419 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Instrument :

BNA_E

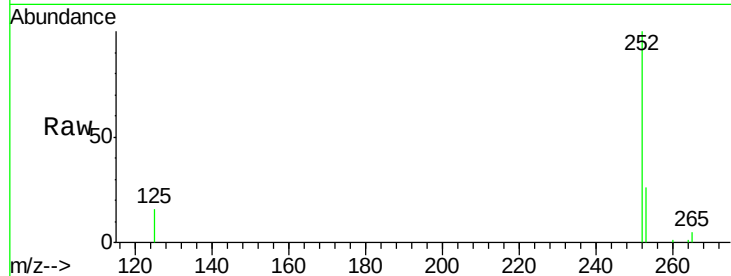
ClientSampled :

C0B06

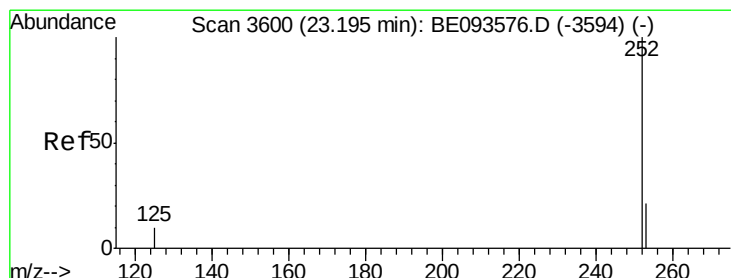
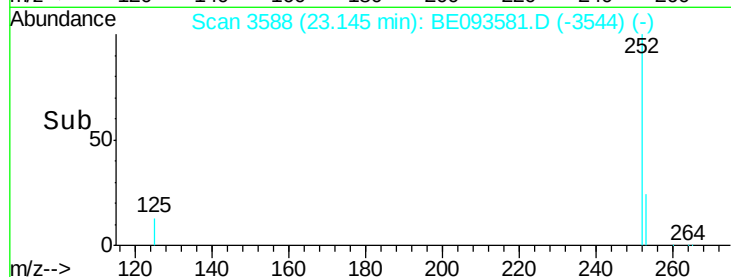
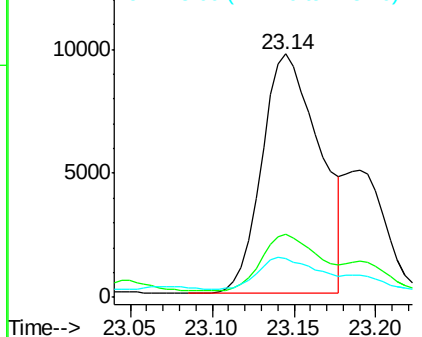
Tgt Ion:	252	Resp:	23647
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	64.2
125	15.7	0.0	35.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.158 ng/ul m

RT: 23.19 min Scan# 3598

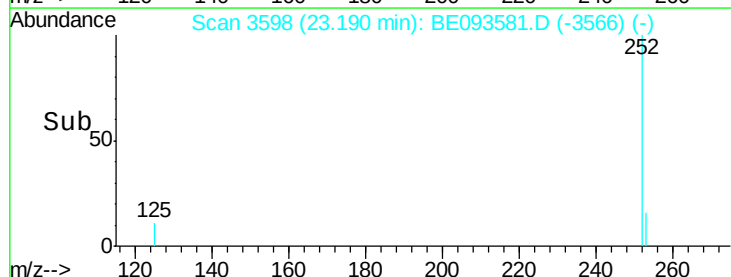
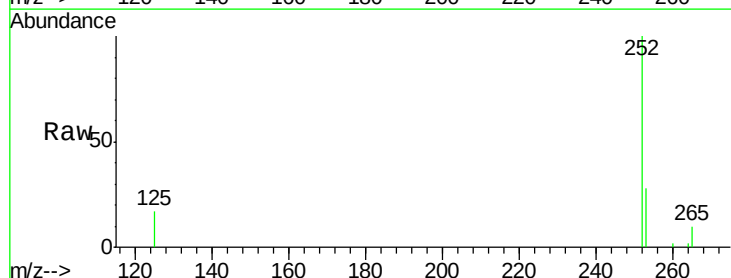
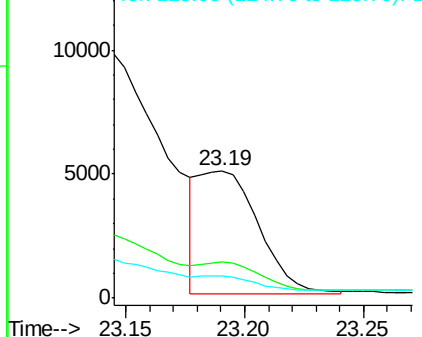
Delta R.T. -0.00 min

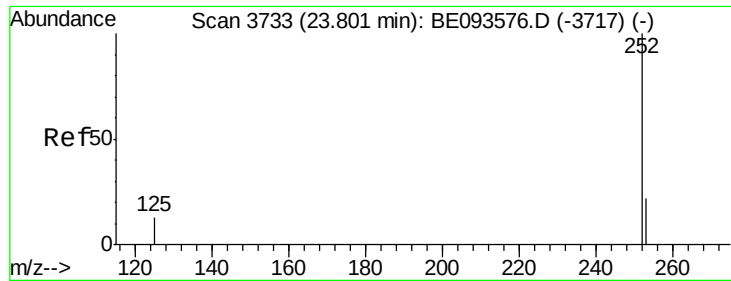
Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Tgt Ion:	252	Resp:	8785
Ion Ratio	Lower	Upper	
252	100		
253	28.3	24.5	36.7
125	17.1	13.7	20.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.403 ng/ul m

RT: 23.81 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Instrument :

BNA_E

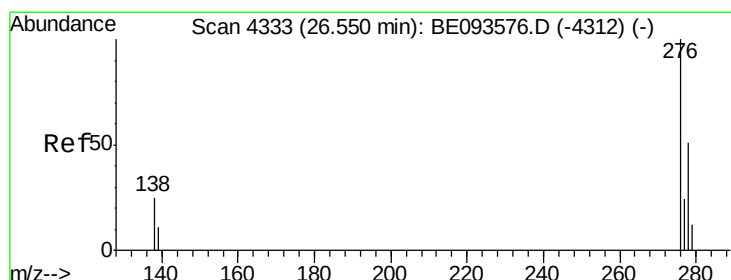
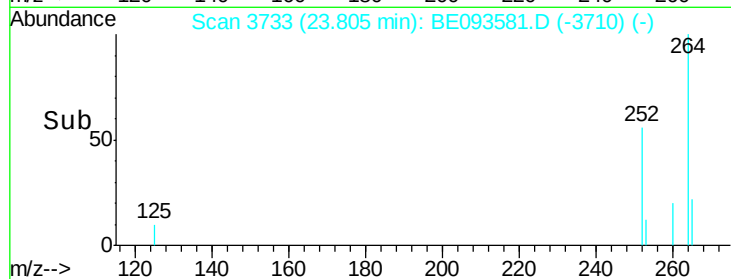
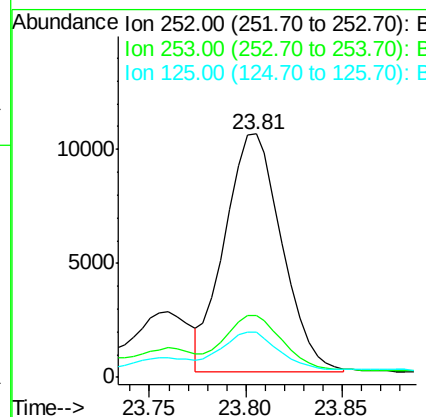
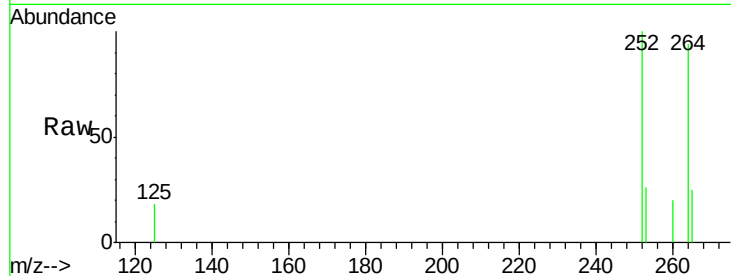
ClientSampled :

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Tgt Ion:	252	Resp:	21608
Ion Ratio	Lower	Upper	
252	100		
253	25.6	28.5	42.7#
125	18.3	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.258 ng/ul m

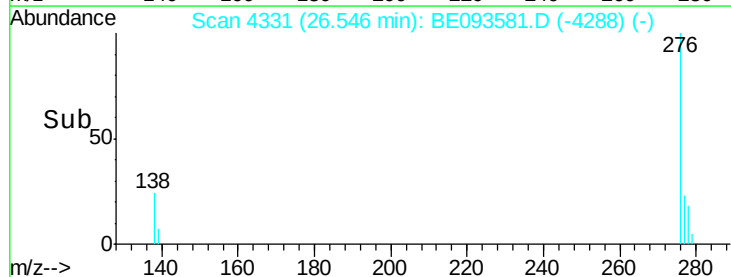
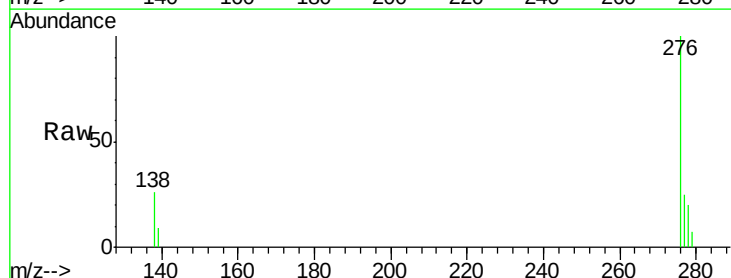
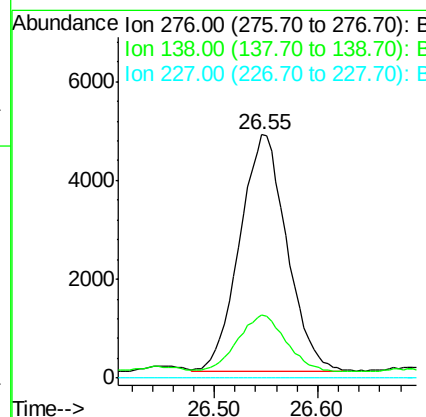
RT: 26.55 min Scan# 4331

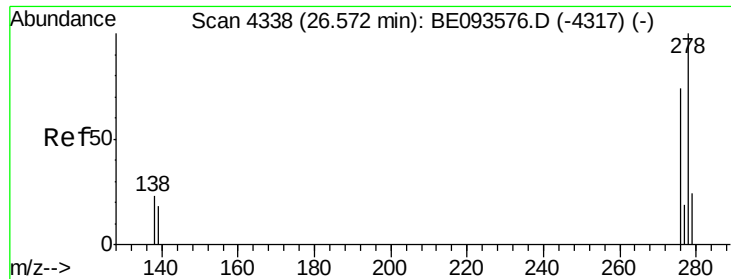
Delta R.T. -0.00 min

Lab File: BE093581.D

Acq: 25 Jul 2017 17:25

Tgt Ion:	276	Resp:	15267
Ion Ratio	Lower	Upper	
276	100		
138	1.9	28.0	42.0#
227	0.0	8.0	12.0#





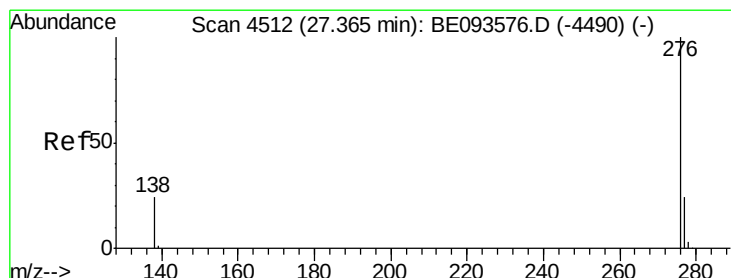
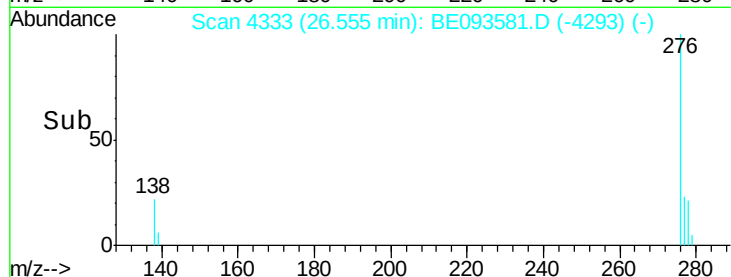
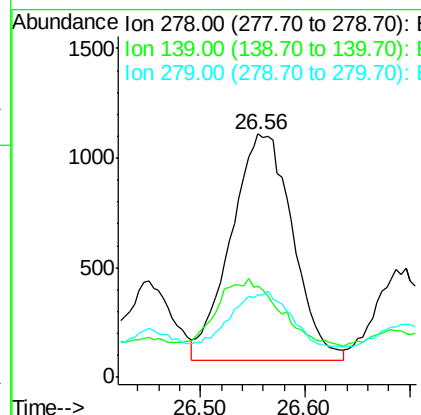
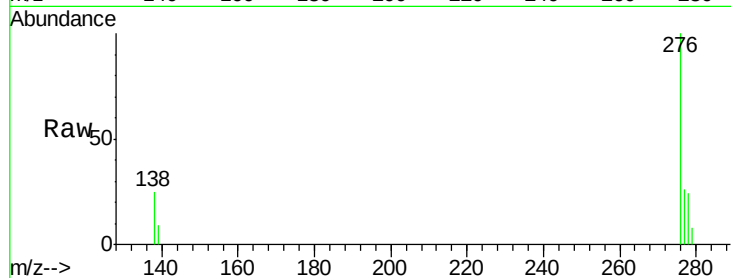
#25
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul m
RT: 26.56 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BE093581.D
Acq: 25 Jul 2017 17:25

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ClientSampleId :
C0B06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.6	17.4	26.0#
279	33.8	25.9	38.9

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#26
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul m
RT: 27.36 min Scan# 4510
Delta R.T. -0.01 min
Lab File: BE093581.D
Acq: 25 Jul 2017 17:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.8
277	24.7	20.5	30.7

