

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093765.D
 Acq On : 11 Aug 2017 3:00
 Operator : SJ/JU
 Sample : I4504-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG4

Manual Integrations
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Quant Time: Aug 11 18:57:10 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	3232	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9800	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21233	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22474	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	23536	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3381	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8628	0.13	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	14.59	153	2120	0.066	ng/ul	98
9) Fluorene	15.57	166	6414	0.157	ng/ul	90
12) Phenanthrene	17.29	178	79272	1.371	ng/ul#	89
13) Anthracene	17.38	178	21206	0.376	ng/ul#	90
15) Fluoranthene	19.30	202	116064	1.605	ng/ul	84
17) Pyrene	19.66	202	90544	1.380	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	47511	0.729	ng/ul#	87
19) Chrysene	21.45	228	42875	0.686	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	45752m	0.628	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	16308m	0.227	ng/ul	
23) Benzo(a)pyrene	23.80	252	38950	0.562	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.54	276	19741	0.258	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.55	278	9172	0.144	ng/ul#	85
26) Benzo(g,h,i)perylene	27.36	276	14068	0.218	ng/ul	97

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

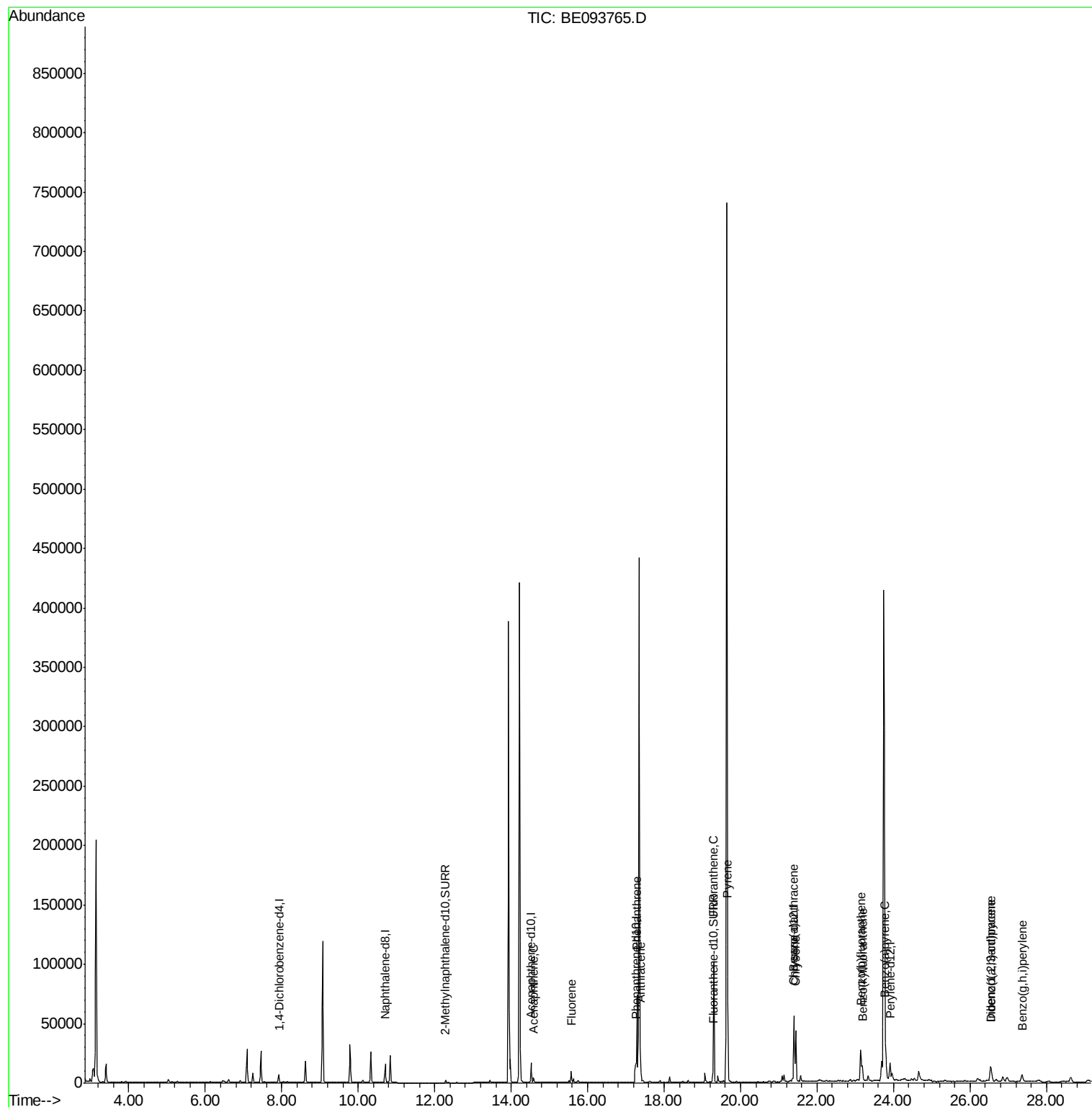
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093765.D
Acq On : 11 Aug 2017 3:00
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ALS Vial : 29 Sample Multiplier: 1

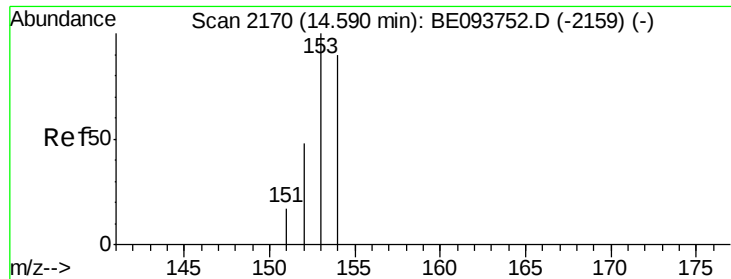
Instrument :
BNA_E
ClientSampleId :
C0AG4

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Quant Time: Aug 11 18:57:10 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





#8

Acenaphthene

Concen: 0.066 ng/ul

RT: 14.59 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE093765.D

Acq: 11 Aug 2017 3:00

Instrument :

BNA_E

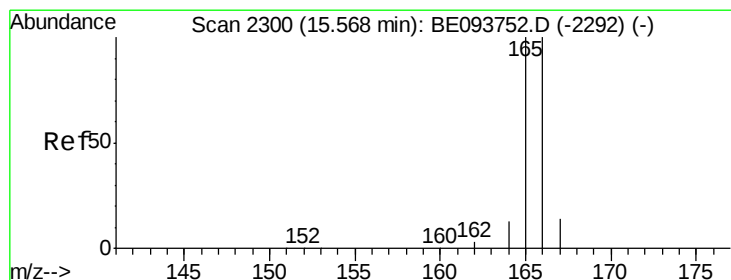
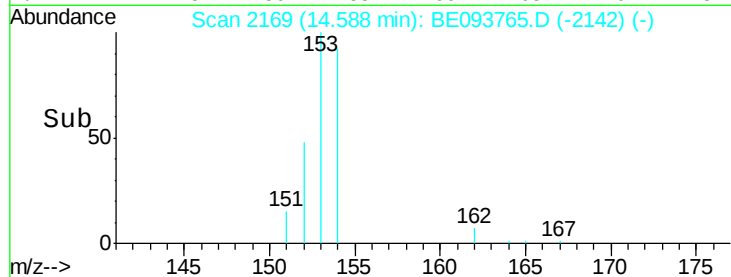
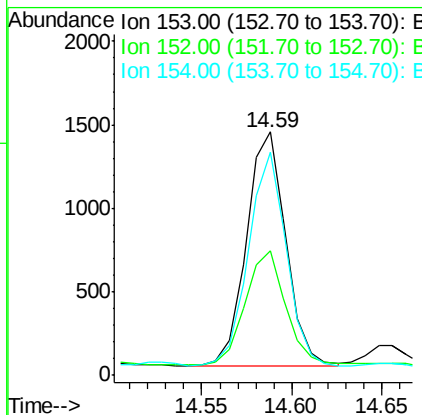
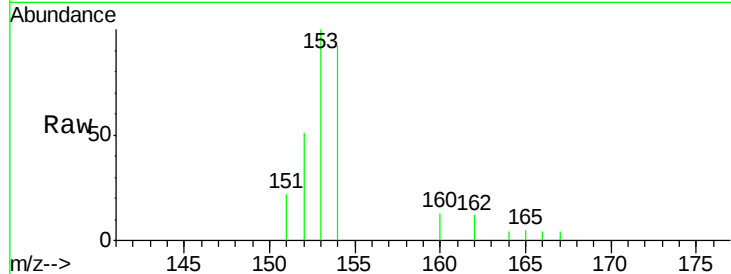
ClientSampleId :

C0AG4

Tgt Ion:	153	Resp:	2120
Ion Ratio	Lower	Upper	
153	100		
152	50.9	40.3	60.5
154	91.8	71.4	107.2

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#9

Fluorene

Concen: 0.157 ng/ul

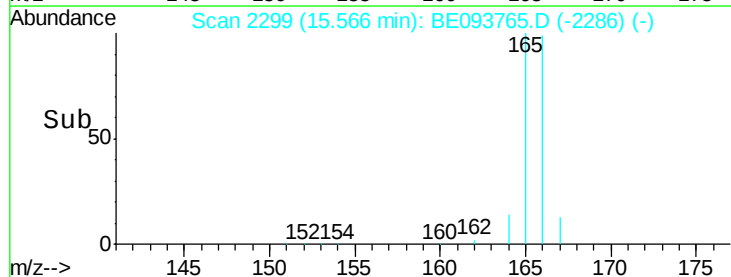
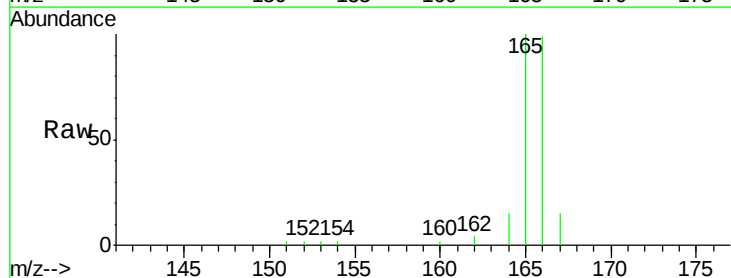
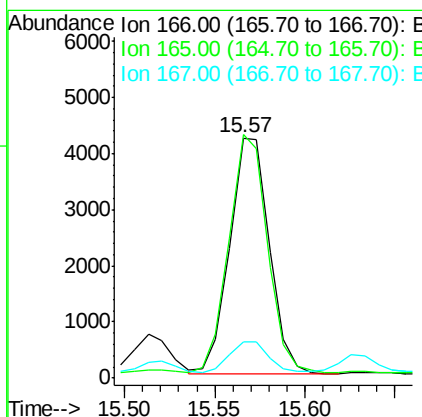
RT: 15.57 min Scan# 2299

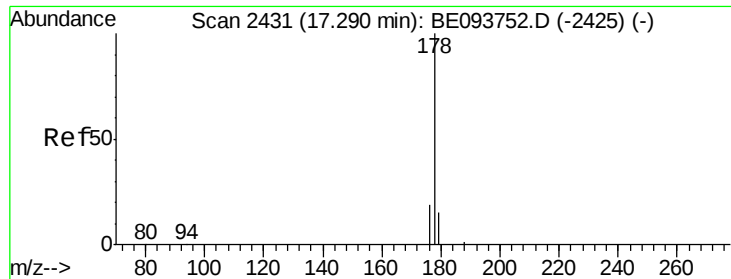
Delta R.T. -0.00 min

Lab File: BE093765.D

Acq: 11 Aug 2017 3:00

Tgt Ion:	166	Resp:	6414
Ion Ratio	Lower	Upper	
166	100		
165	101.5	73.4	110.2
167	15.0	14.6	22.0





#12

Phenanthrene

Concen: 1.371 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BE093765.D

Acq: 11 Aug 2017 3:00

Instrument :

BNA_E

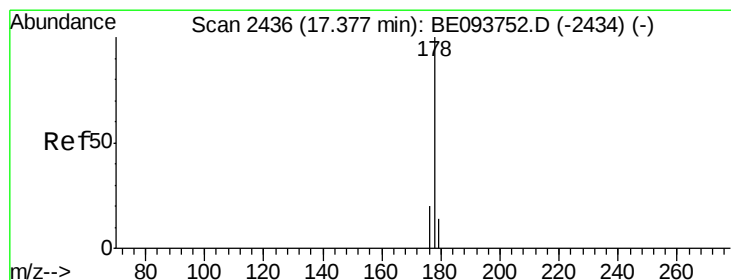
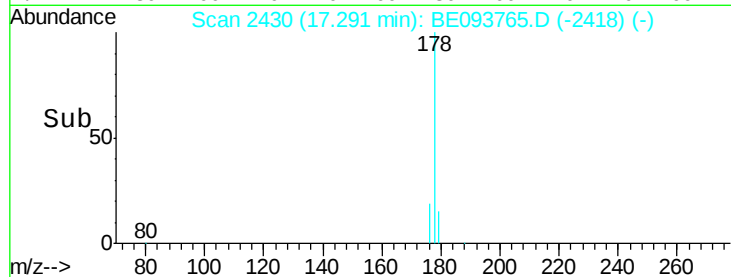
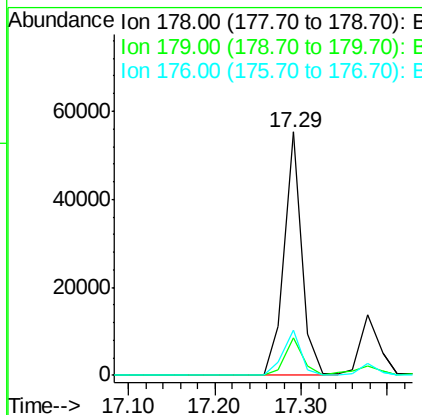
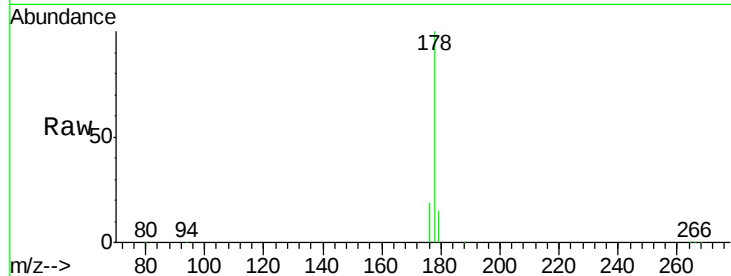
ClientSampleId :

C0AG4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	18.6	13.6	20.4

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#13

Anthracene

Concen: 0.376 ng/ul

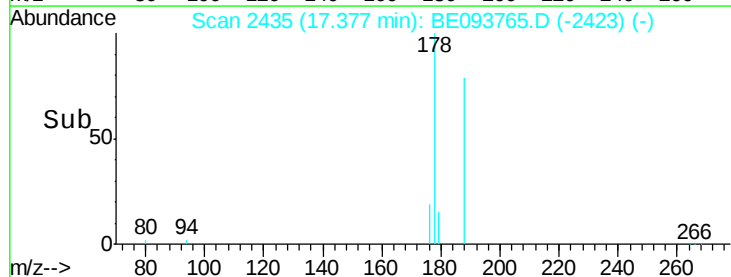
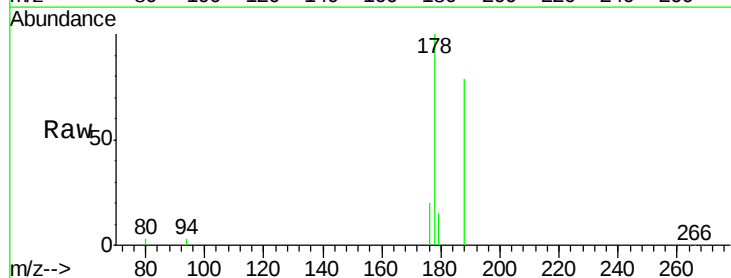
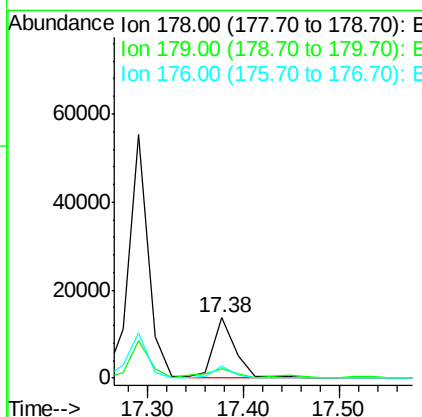
RT: 17.38 min Scan# 2435

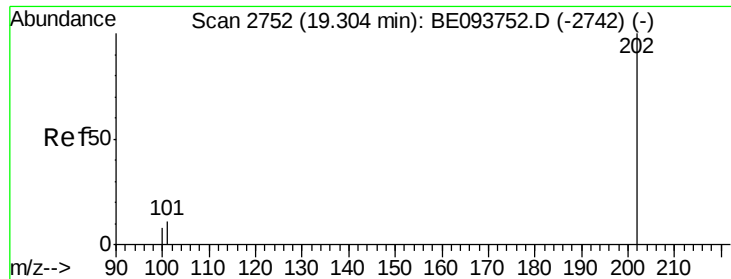
Delta R.T. 0.00 min

Lab File: BE093765.D

Acq: 11 Aug 2017 3:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	19.8	14.7	22.1





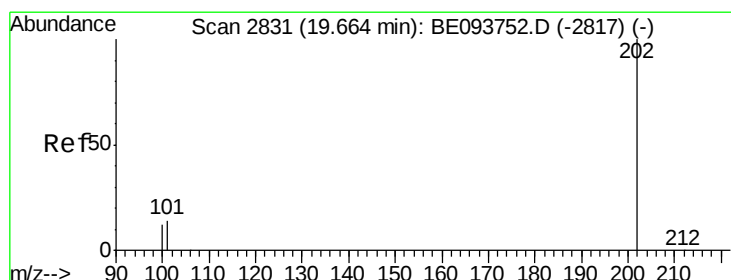
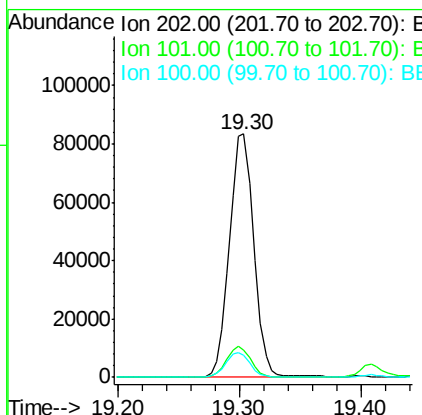
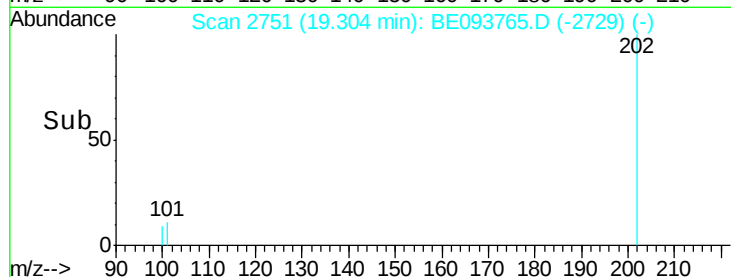
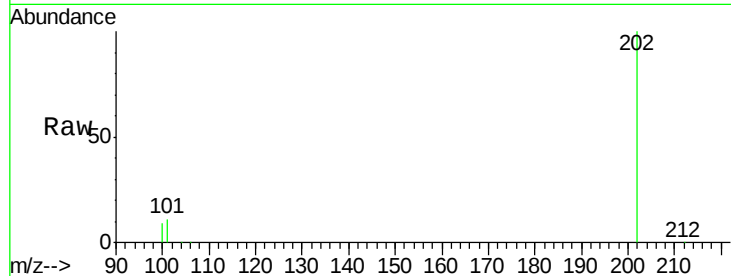
#15
Fluoranthene
 Concen: 1.605 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093765.D
 Acq: 11 Aug 2017 3:00

Instrument :
 BNA_E
 ClientSampleId :
 C0AG4

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

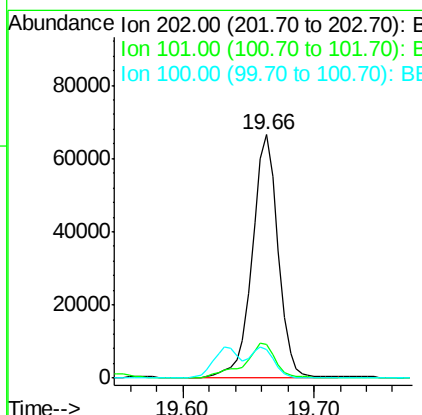
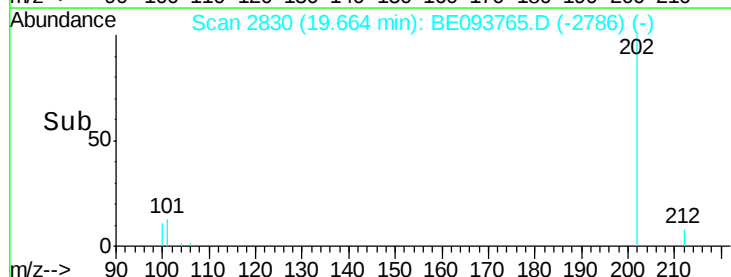
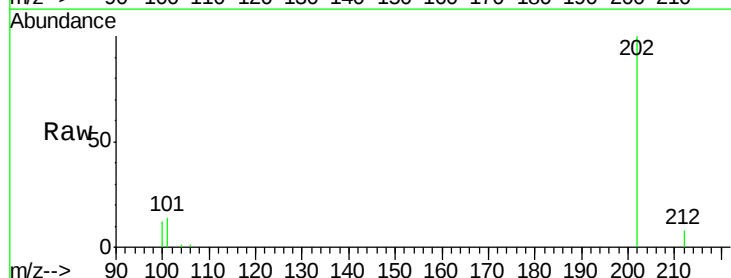
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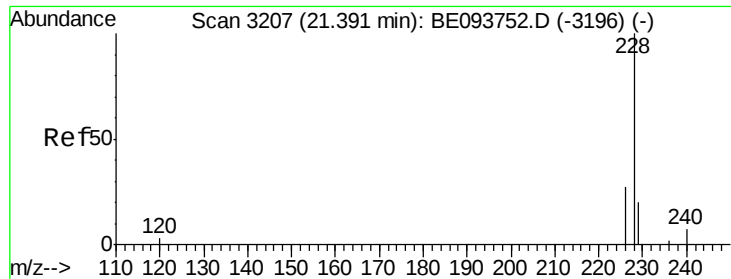
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#17
Pyrene
 Concen: 1.380 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE093765.D
 Acq: 11 Aug 2017 3:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	18.2	27.4#
100	11.6	15.6	23.4#





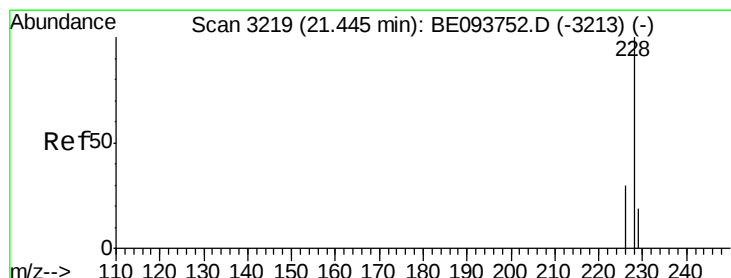
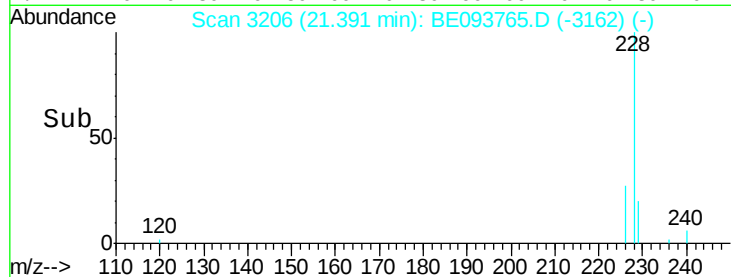
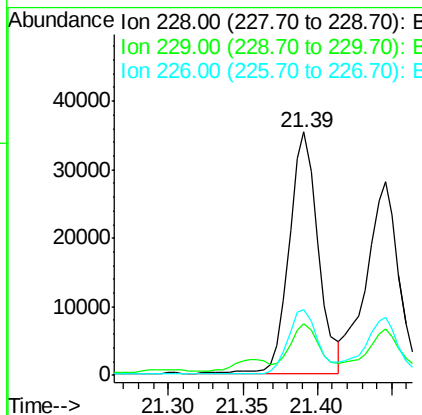
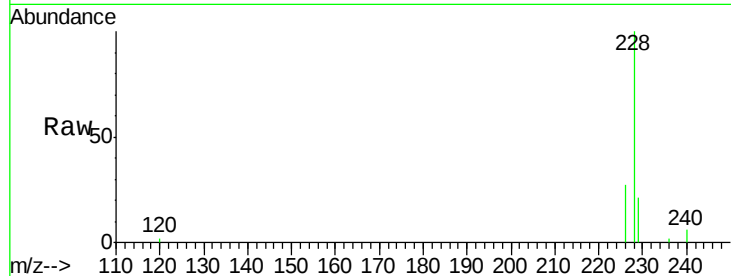
#18
Benzo(a)anthracene
Concen: 0.729 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. 0.00 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Instrument :
BNA_E
ClientSampleId :
C0AG4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	27.2	17.0	25.6#

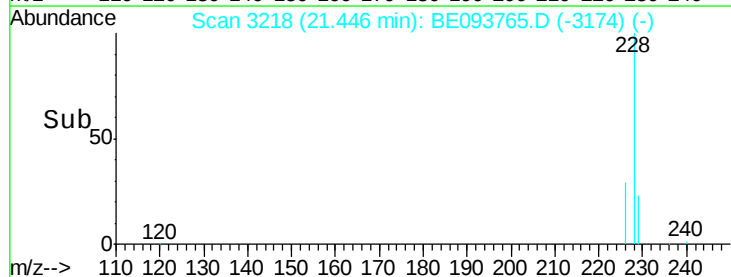
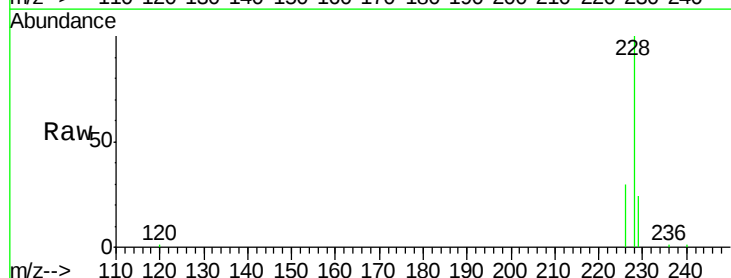
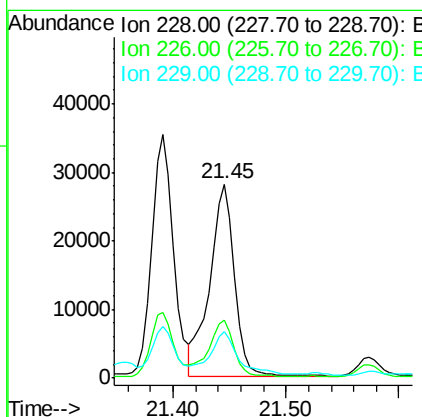
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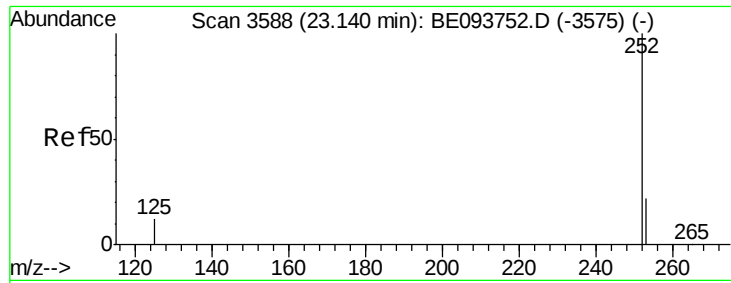
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#19
Chrysene
Concen: 0.686 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	23.8	17.7	26.5





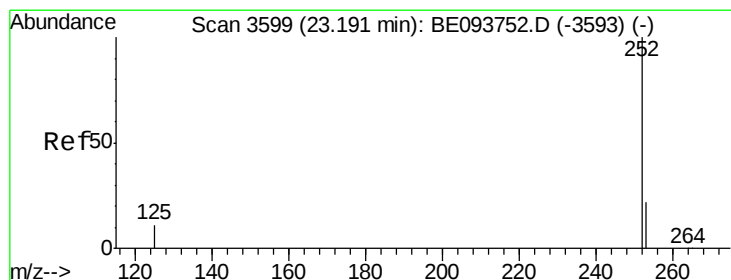
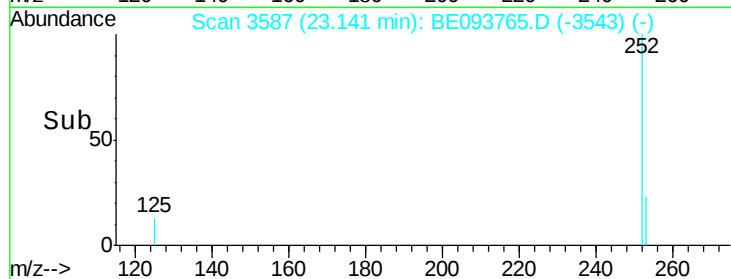
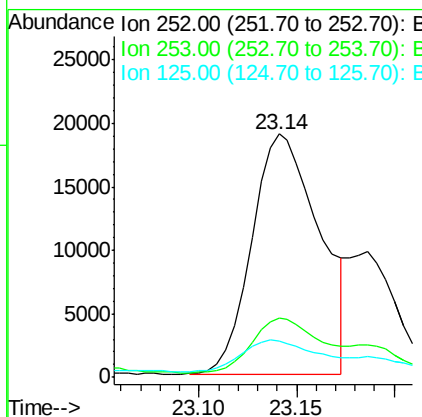
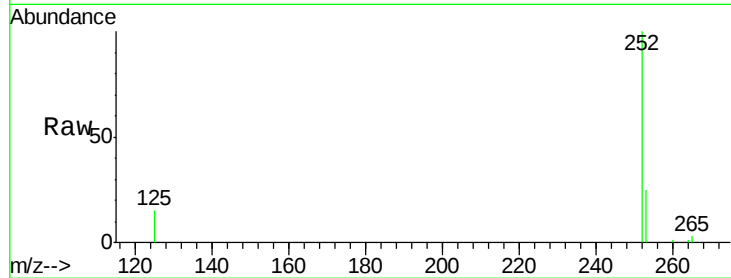
#21
Benzo(b)fluoranthene
Concen: 0.628 ng/ul m
RT: 23.14 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Instrument :
BNA_E
ClientSampled :
C0AG4

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.6	0.0	64.2
125	15.0	0.0	35.0

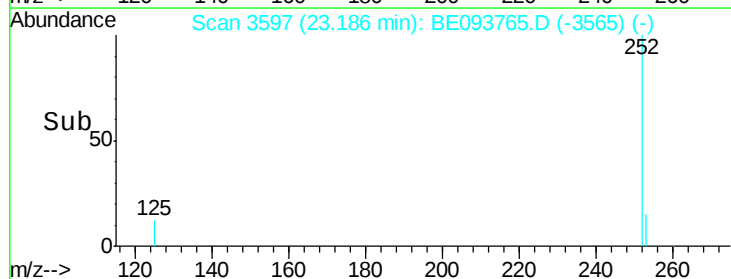
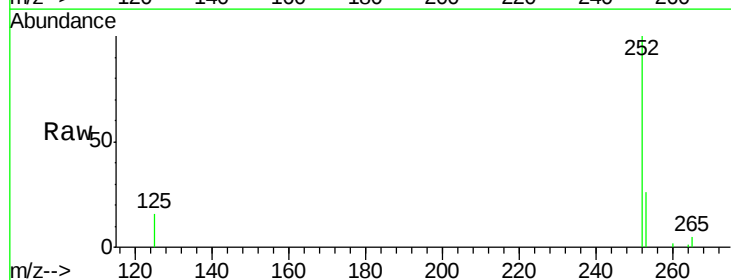
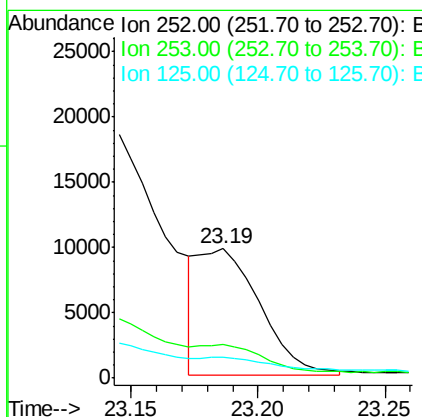
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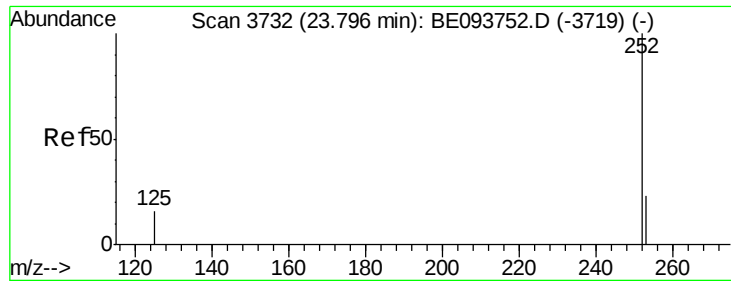
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#22
Benzo(k)fluoranthene
Concen: 0.227 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.9	24.5	36.7
125	16.4	13.7	20.5





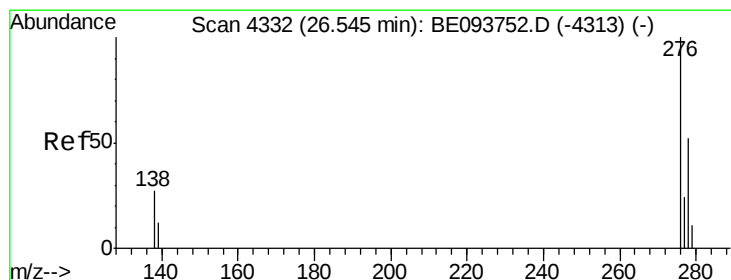
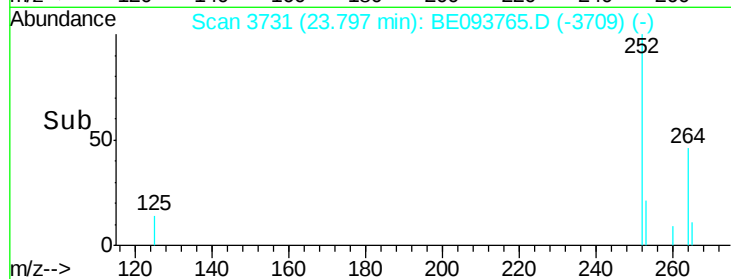
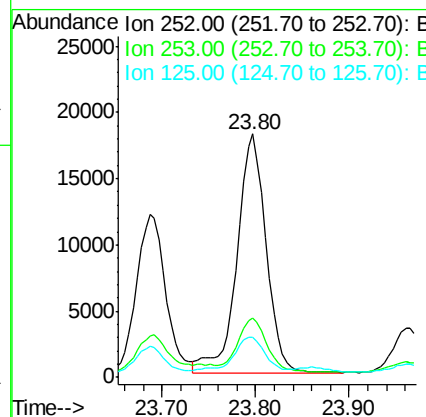
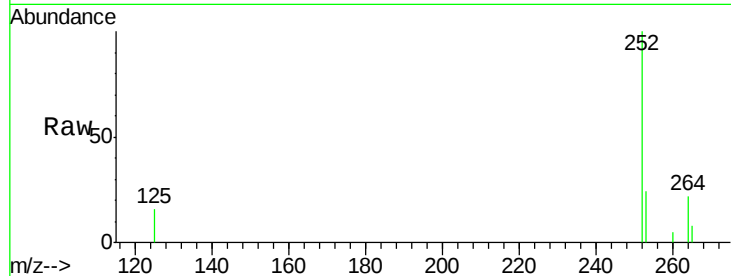
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Benzo(a)pyrene
Concen: 0.562 ng/u1
RT: 23.80 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Instrument :
BNA_E
ClientSampleId :
C0AG4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	28.5	42.7#
125	16.3	18.1	27.1#

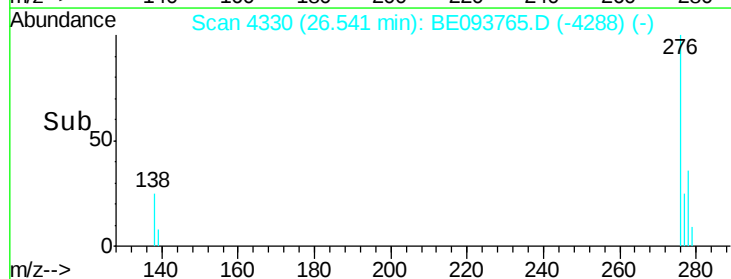
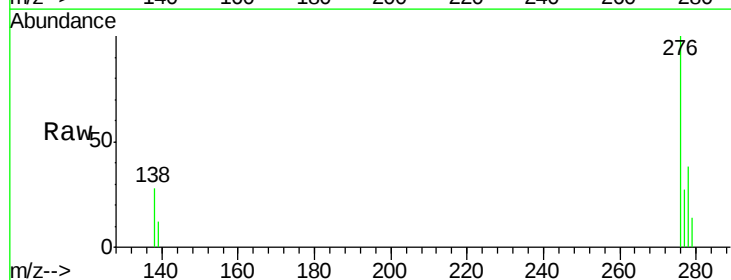
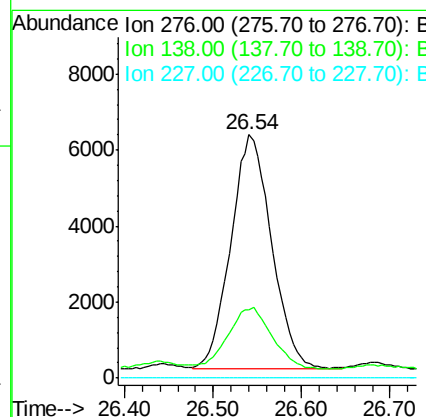
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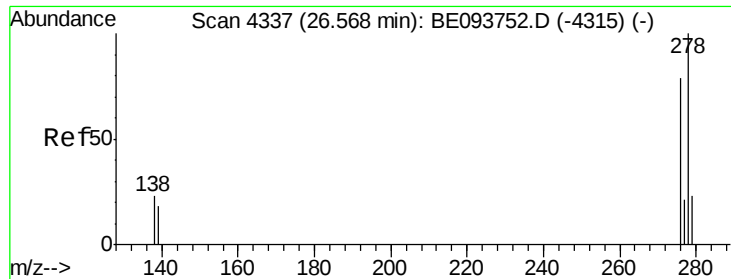
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.258 ng/u1
RT: 26.54 min Scan# 4330
Delta R.T. -0.01 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.9	28.0	42.0#
227	0.0	8.0	12.0#





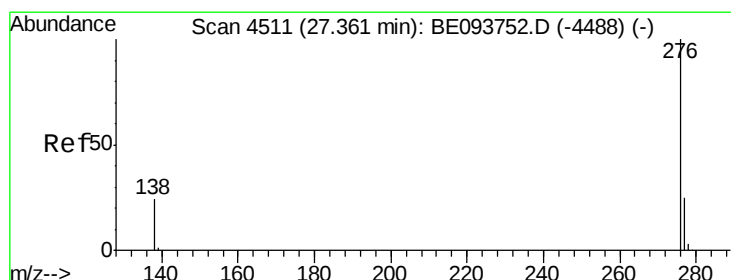
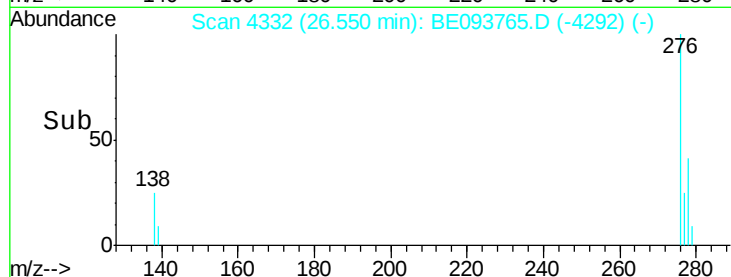
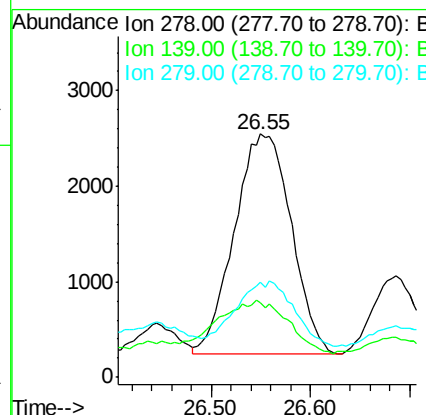
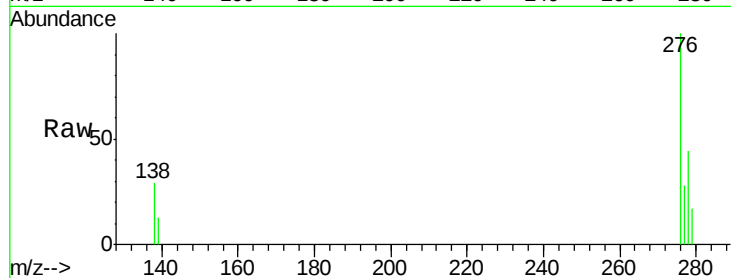
#25
Dibenzo(a,h)anthracene
Concen: 0.144 ng/ul
RT: 26.55 min Scan# 4332
Delta R.T. -0.02 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Instrument :
BNA_E
ClientSampleId :
C0AG4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.5	17.4	26.0#
279	39.1	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.218 ng/ul
RT: 27.36 min Scan# 4510
Delta R.T. -0.00 min
Lab File: BE093765.D
Acq: 11 Aug 2017 3:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.8	32.8
277	27.2	20.5	30.7

