

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081117\
 Data File : BE093780.D
 Acq On : 11 Aug 2017 21:27
 Operator : SJ/JU
 Sample : I4504-10DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG4DL

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Quant Time: Aug 12 02:59:19 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2690	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13942	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18171	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19177	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18819	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1198	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2988	0.05	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	14.58	153	753	0.028	ng/ul	97
9) Fluorene	15.57	166	2265	0.067	ng/ul	93
12) Phenanthrene	17.29	178	28643	0.579	ng/ul#	91
13) Anthracene	17.38	178	7706	0.160	ng/ul#	92
15) Fluoranthene	19.30	202	40890	0.661	ng/ul	84
17) Pyrene	19.66	202	32505	0.581	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	16519	0.297	ng/ul#	87
19) Chrysene	21.44	228	15492	0.290	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	16242m	0.279	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	6151m	0.107	ng/ul	
23) Benzo(a)pyrene	23.79	252	13870	0.250	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.54	276	6927	0.113	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.56	278	3179	0.062	ng/ul#	76
26) Benzo(g,h,i)perylene	27.37	276	4663	0.091	ng/ul	93

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

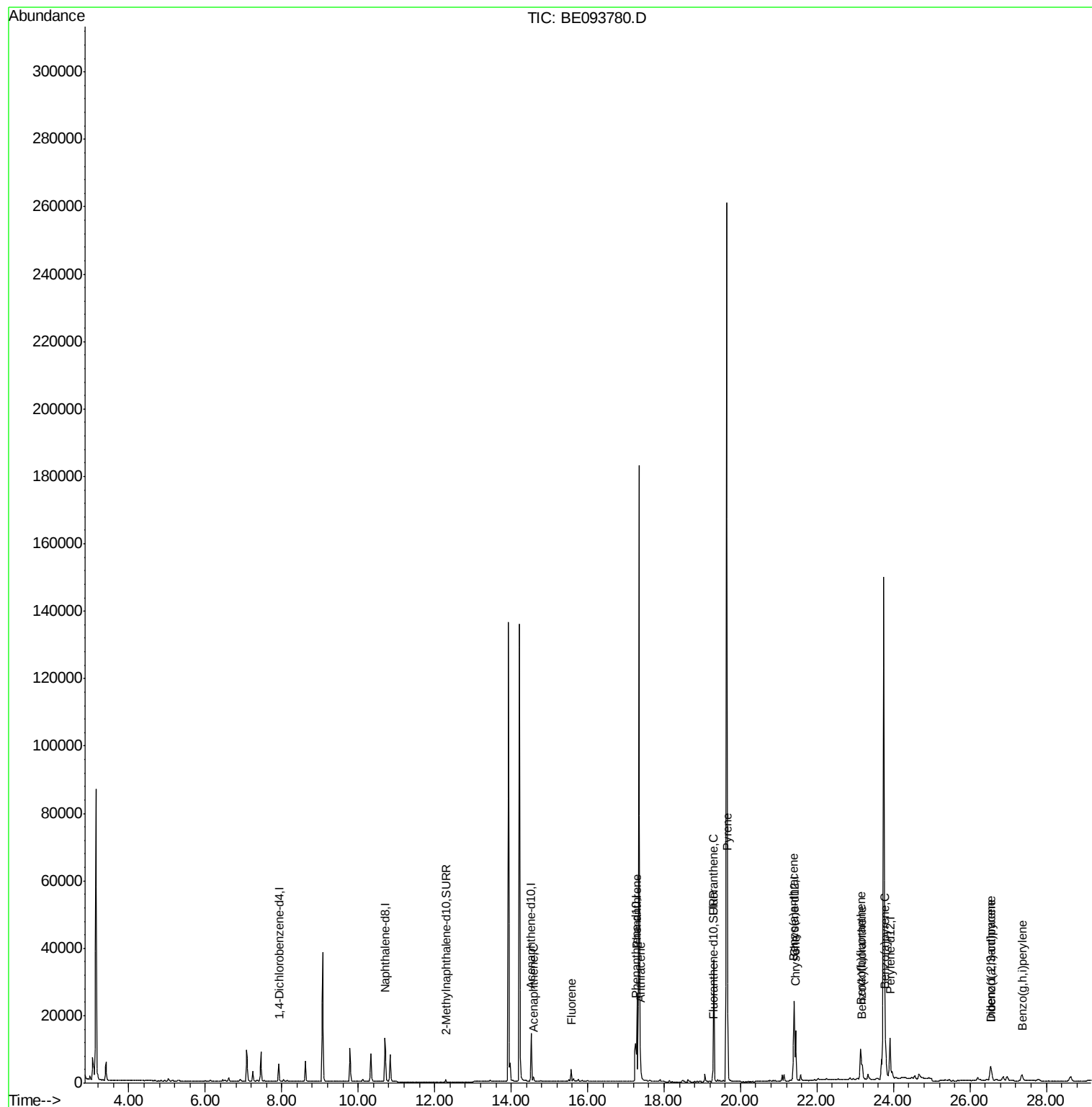
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081117\
Data File : BE093780.D
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Sample : I4504-10DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

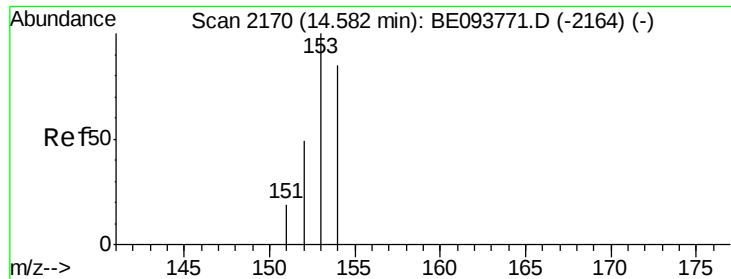
Instrument :
BNA_E
ClientSampleId :
C0AG4DL

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Quant Time: Aug 12 02:59:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.028 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

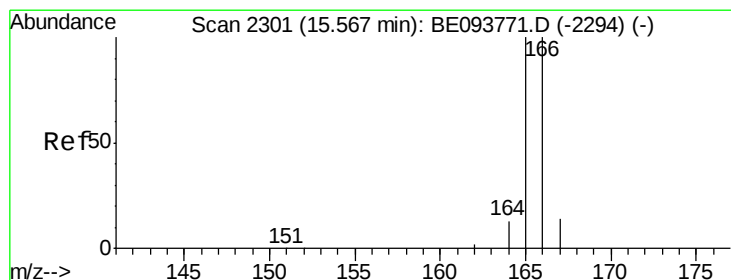
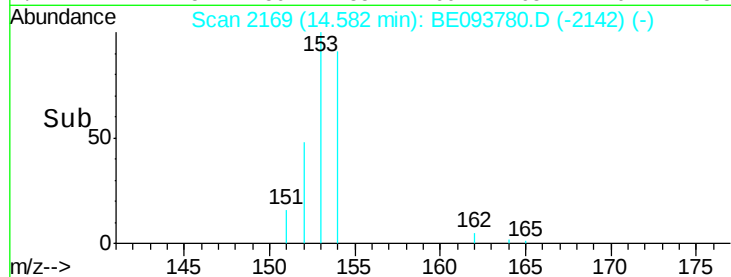
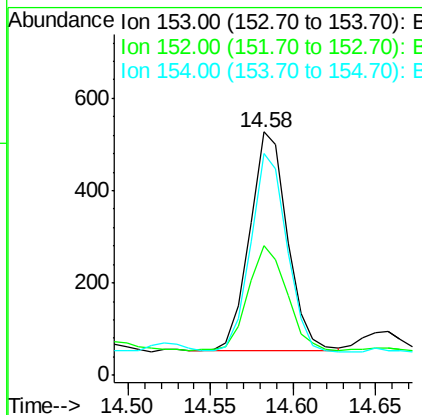
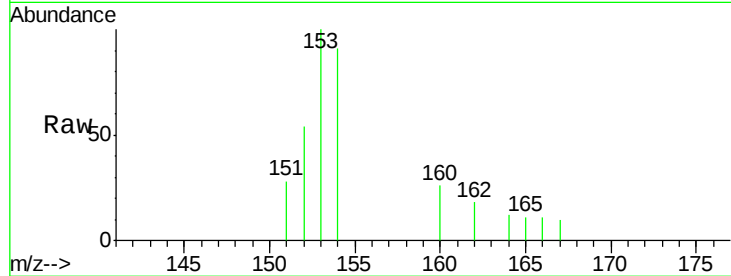
ClientSampleId :

C0AG4DL

Tgt Ion:	153	Resp:	753
Ion Ratio	Lower	Upper	
153	100		
152	53.5	40.3	60.5
154	91.3	71.4	107.2

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#9

Fluorene

Concen: 0.067 ng/ul

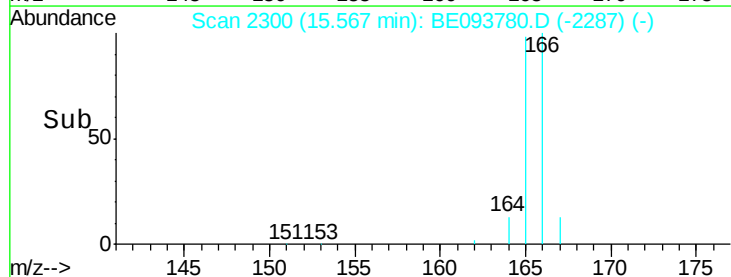
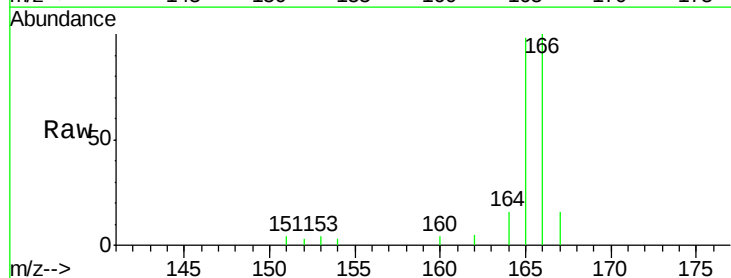
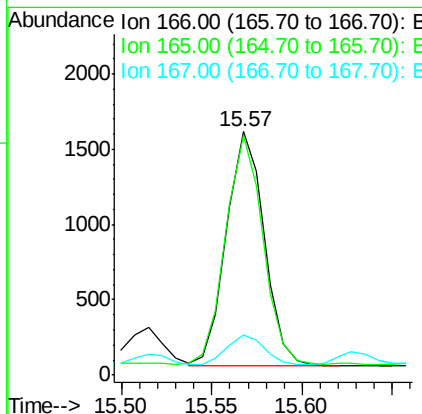
RT: 15.57 min Scan# 2300

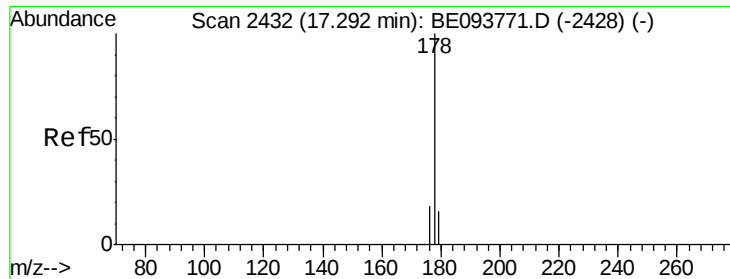
Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Tgt Ion:	166	Resp:	2265
Ion Ratio	Lower	Upper	
166	100		
165	98.3	73.4	110.2
167	16.2	14.6	22.0





#12

Phenanthrene

Concen: 0.579 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

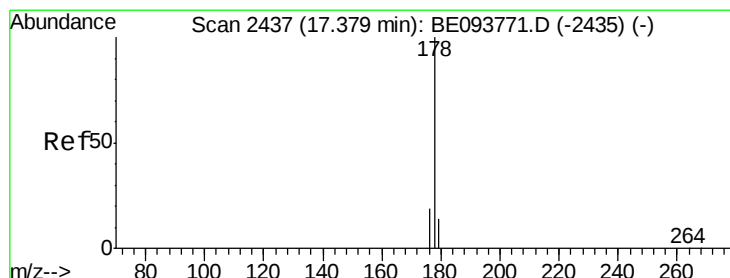
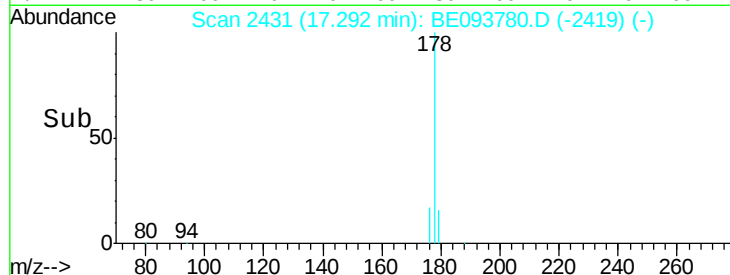
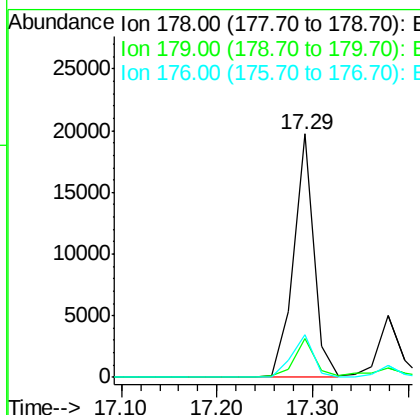
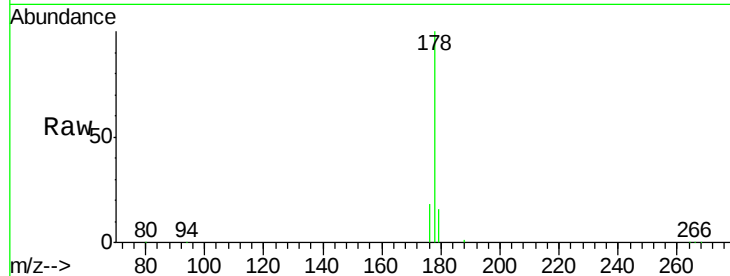
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Tgt Ion:178 Resp: 28643

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	17.6	13.6	20.4

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#13

Anthracene

Concen: 0.160 ng/ul

RT: 17.38 min Scan# 2436

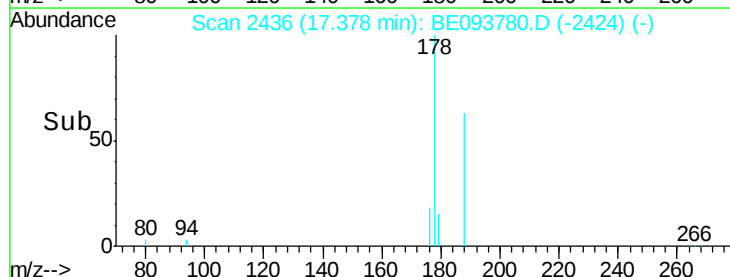
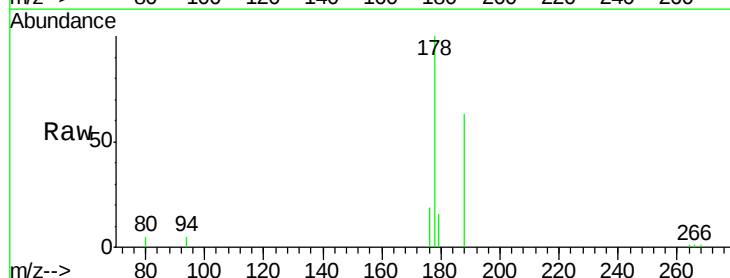
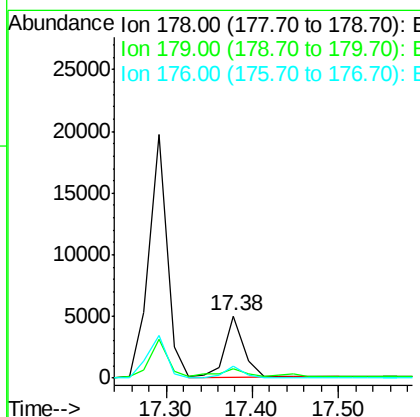
Delta R.T. -0.00 min

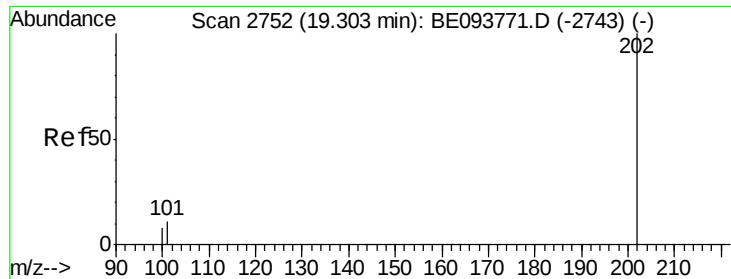
Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Tgt Ion:178 Resp: 7706

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	18.8	14.7	22.1





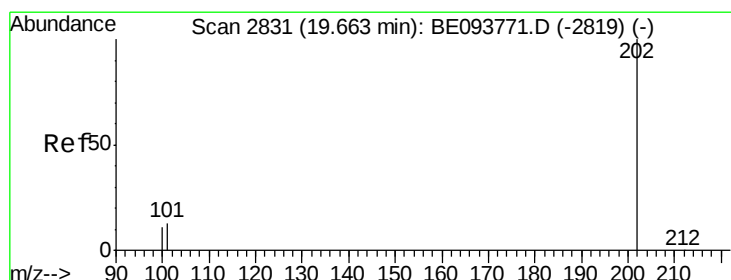
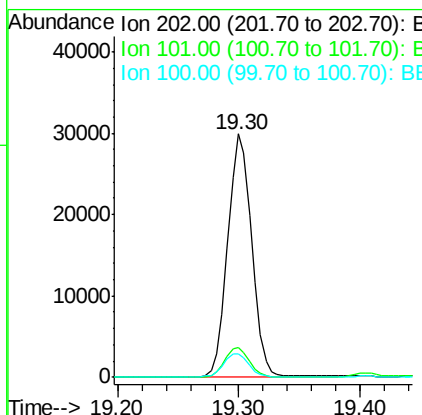
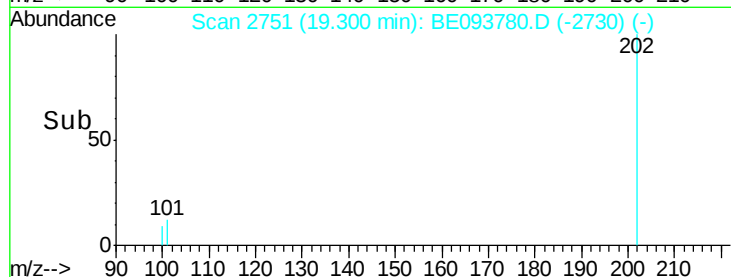
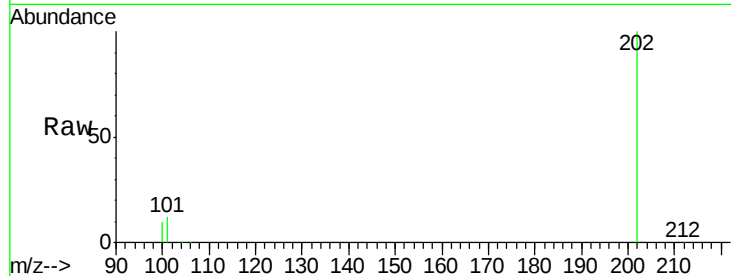
#15
Fluoranthene
Concen: 0.661 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093780.D
Acq: 11 Aug 2017 21:27

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	0.0	30.3
100	9.5	0.0	39.5

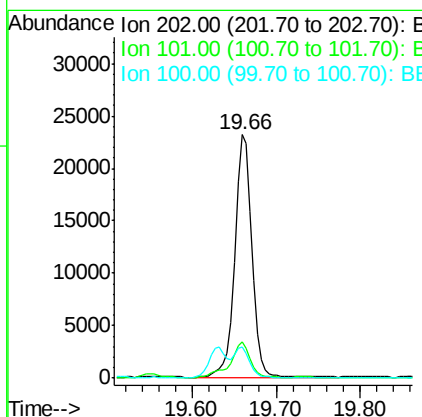
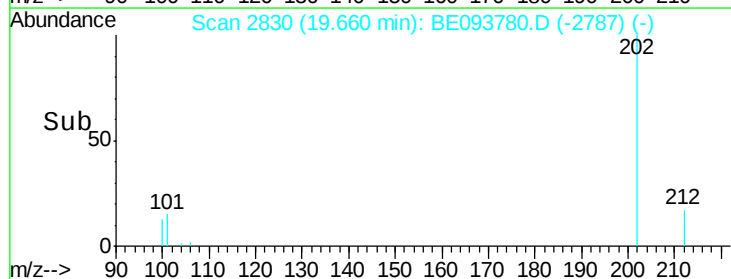
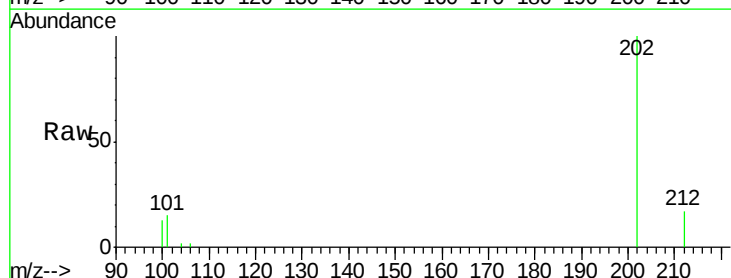
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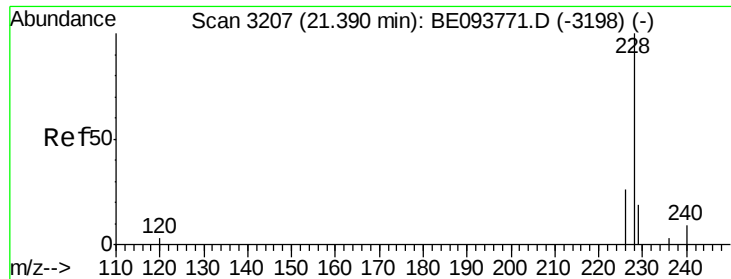
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#17
Pyrene
Concen: 0.581 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093780.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	18.2	27.4#
100	12.9	15.6	23.4#





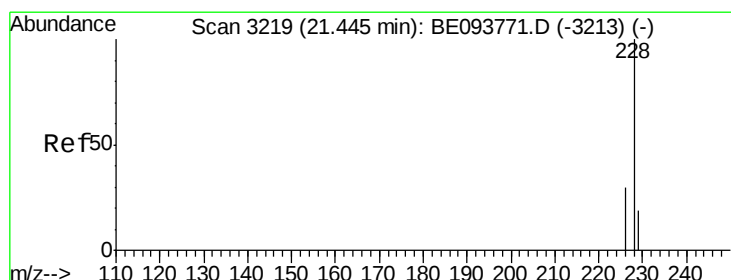
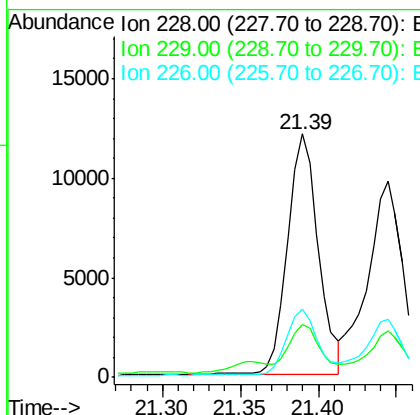
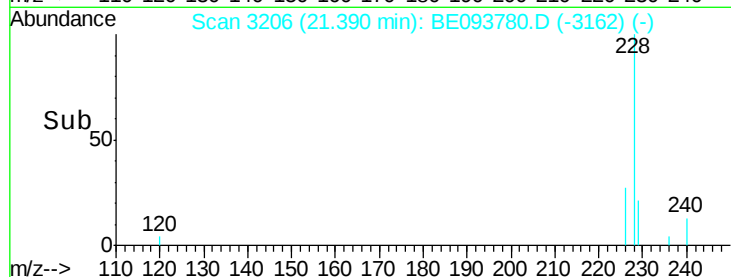
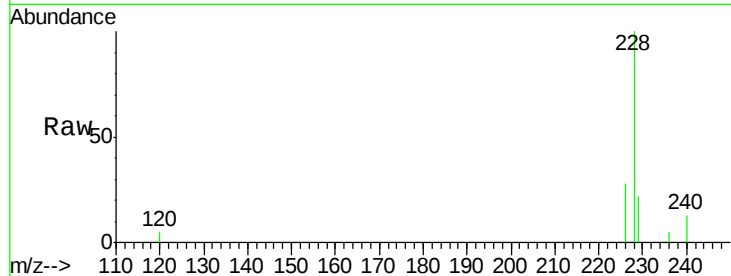
#18
Benzo(a)anthracene
Concen: 0.297 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093780.D
Acq: 11 Aug 2017 21:27

Instrument :
BNA_E
ClientSampleId :
C0AG4DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	27.9	17.0	25.6#

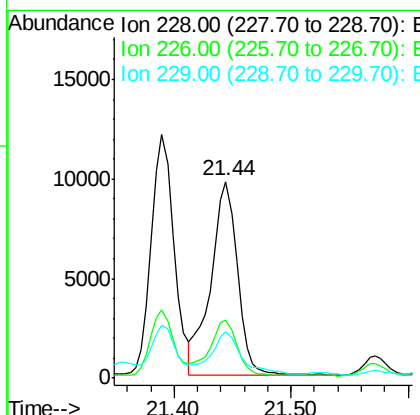
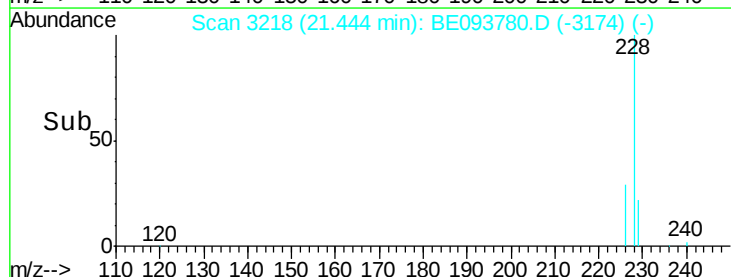
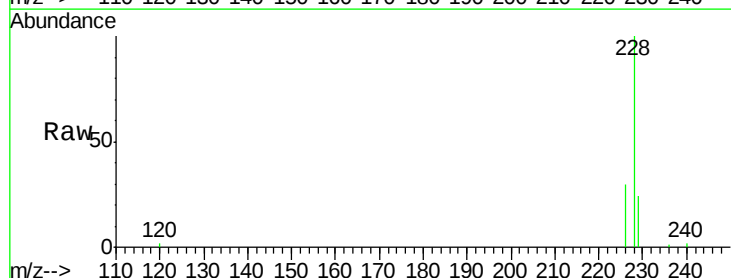
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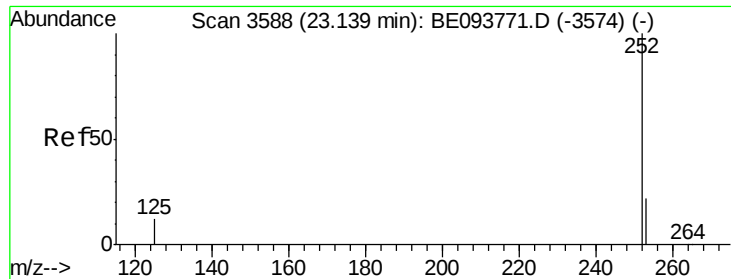
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#19
Chrysene
Concen: 0.290 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093780.D
Acq: 11 Aug 2017 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	23.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.279 ng/ul m

RT: 23.14 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

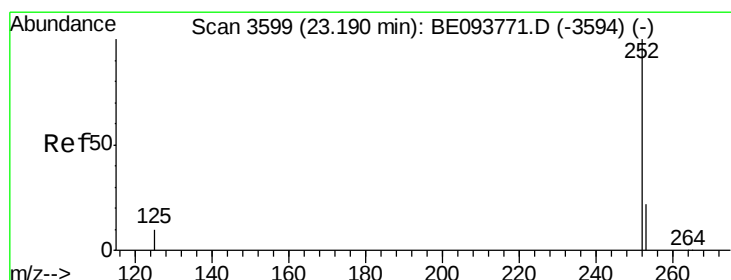
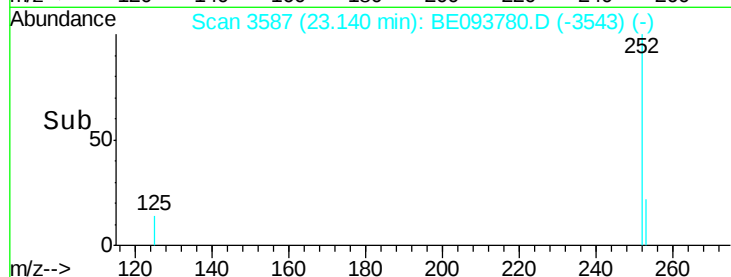
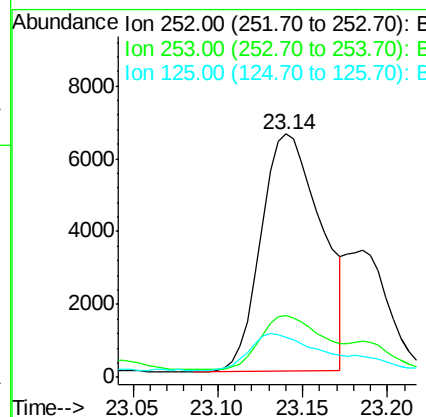
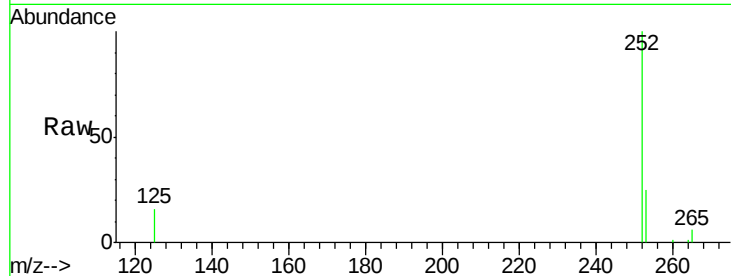
ClientSampleId :

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Tgt Ion:	252	Resp:	16242
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	64.2
125	16.2	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.107 ng/ul m

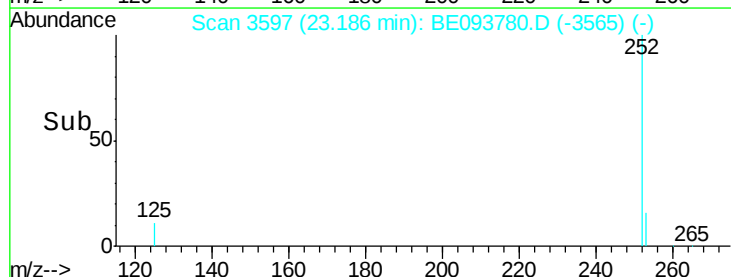
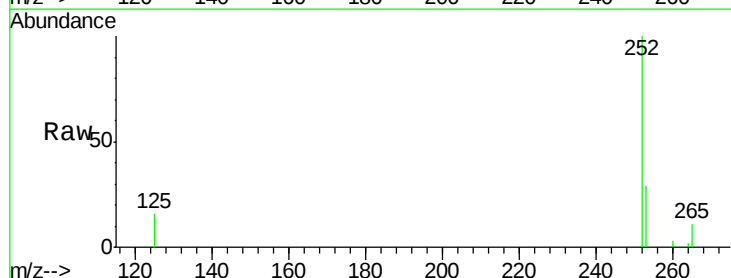
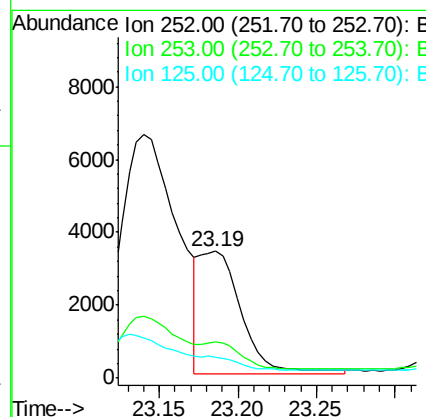
RT: 23.19 min Scan# 3597

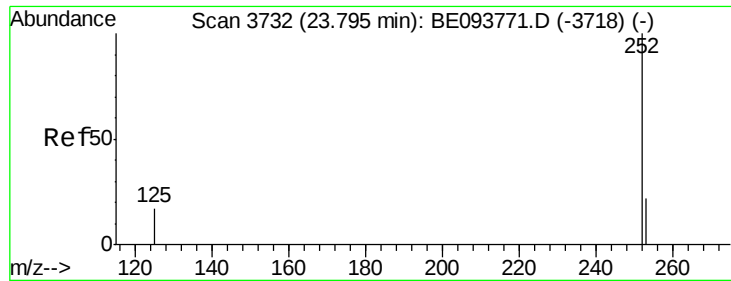
Delta R.T. -0.00 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

Tgt Ion:	252	Resp:	6151
Ion Ratio	Lower	Upper	
252	100		
253	28.5	24.5	36.7
125	16.1	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.250 ng/ul

RT: 23.79 min Scan# 3730

Delta R.T. -0.00 min

Lab File: BE093780.D

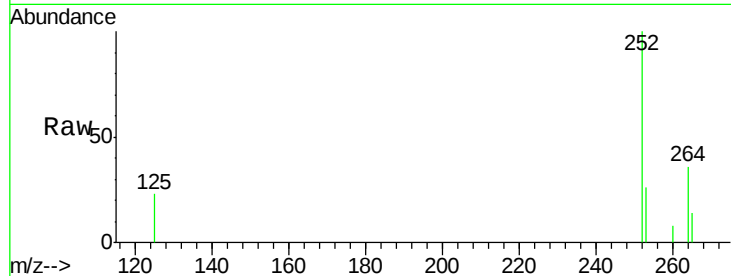
Acq: 11 Aug 2017 21:27

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 252 Resp: 13870

Ion Ratio Lower Upper

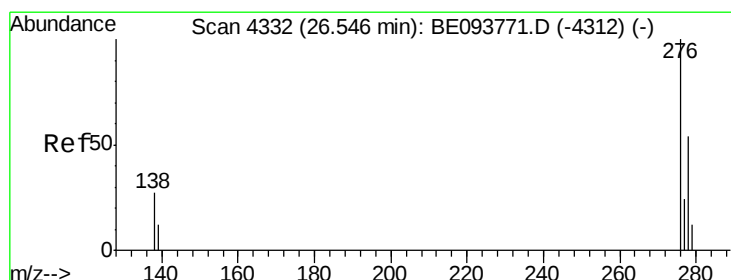
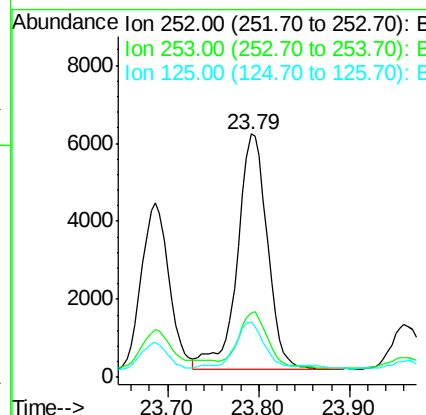
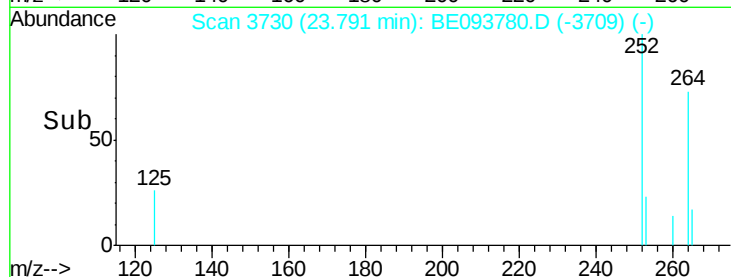
252 100

253 26.5 28.5 42.7#

125 22.5 18.1 27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.113 ng/ul

RT: 26.54 min Scan# 4329

Delta R.T. -0.01 min

Lab File: BE093780.D

Acq: 11 Aug 2017 21:27

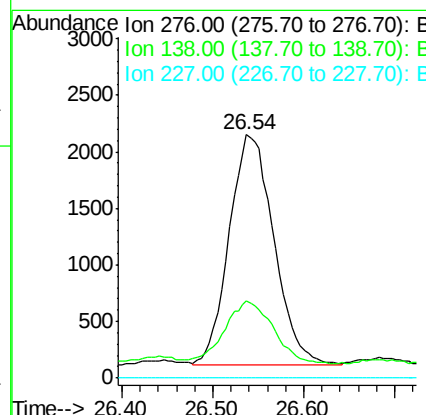
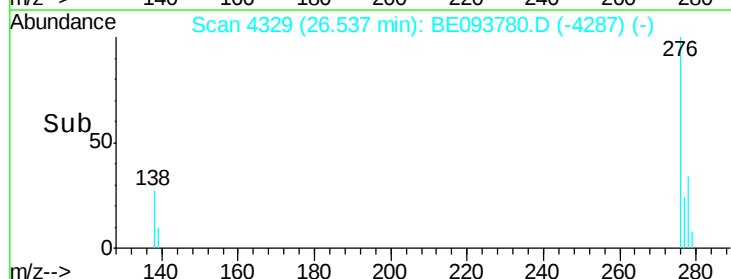
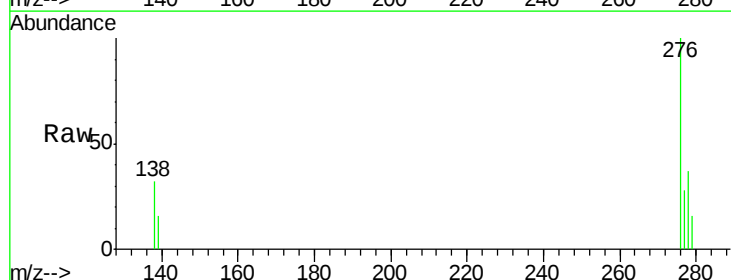
Tgt Ion: 276 Resp: 6927

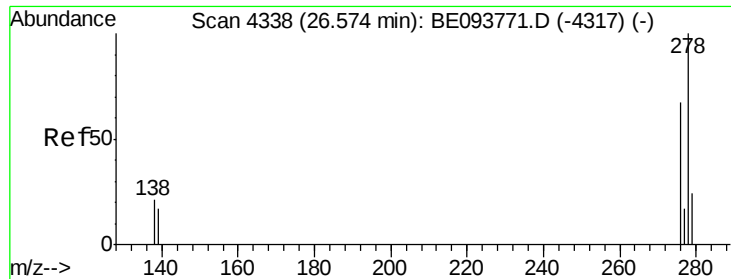
Ion Ratio Lower Upper

276 100

138 29.8 28.0 42.0

227 0.0 8.0 12.0#





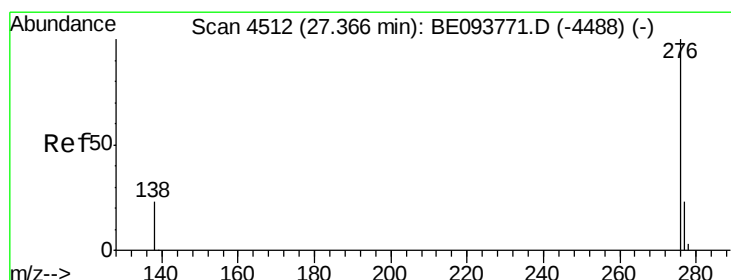
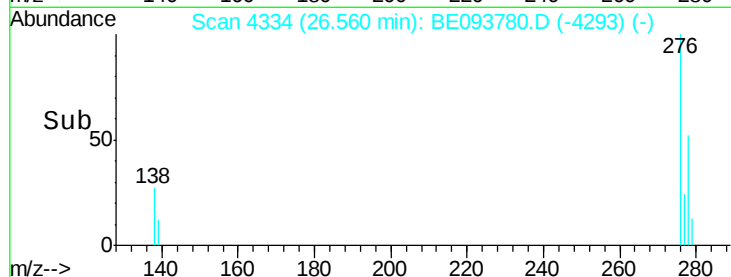
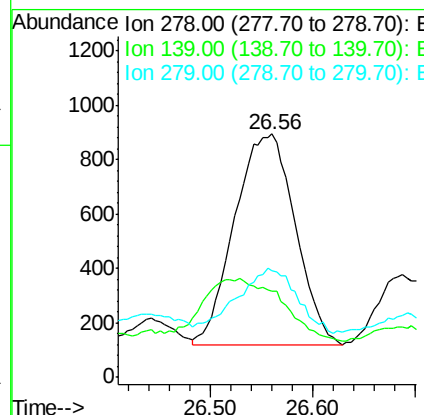
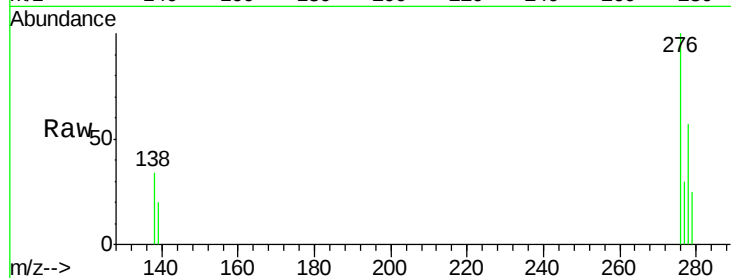
#25
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.56 min Scan# 4334
Delta R.T. -0.01 min
Lab File: BE093780.D
Acq: 11 Aug 2017 21:27

Instrument :
BNA_E
ClientSampleId :
C0AG4DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.6	17.4	26.0#
279	43.6	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 27.37 min Scan# 4511
Delta R.T. 0.00 min
Lab File: BE093780.D
Acq: 11 Aug 2017 21:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	21.8	32.8
277	29.1	20.5	30.7

