

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096334.D
 Acq On : 3 May 2018 21:53
 Operator : SJ/JU
 Sample : J2440-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y18

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:35:06 PM

Quant Time: May 04 03:47:08 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 04 01:53:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	638	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2776	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1806	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4642m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5012m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4115m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1134	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	3833m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	501	0.053	ng/ul#	77
9) Fluorene	15.97	166	186	0.020	ng/ul#	81
12) Phenanthrene	17.69	178	5077m	0.363	ng/ul	
13) Anthracene	17.78	178	503m	0.037	ng/ul	
15) Fluoranthene	19.66	202	12185m	0.613	ng/ul	
17) Pyrene	20.02	202	3159m	0.560	ng/ul	
18) Benzo(a)anthracene	21.73	228	1767m	0.226	ng/ul	
19) Chrysene	21.78	228	5094m	0.340	ng/ul	
21) Benzo(b)fluoranthene	23.54	252	5833m	0.414	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	1854m	0.136	ng/ul	
23) Benzo(a)pyrene	24.23	252	3263m	0.247	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.12	276	2404m	0.165	ng/ul	
25) Dibenzo(a,h)anthracene	27.12	278	618m	0.052	ng/ul	
26) Benzo(g,h,i)perylene	27.98	276	2145m	0.174	ng/ul	

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

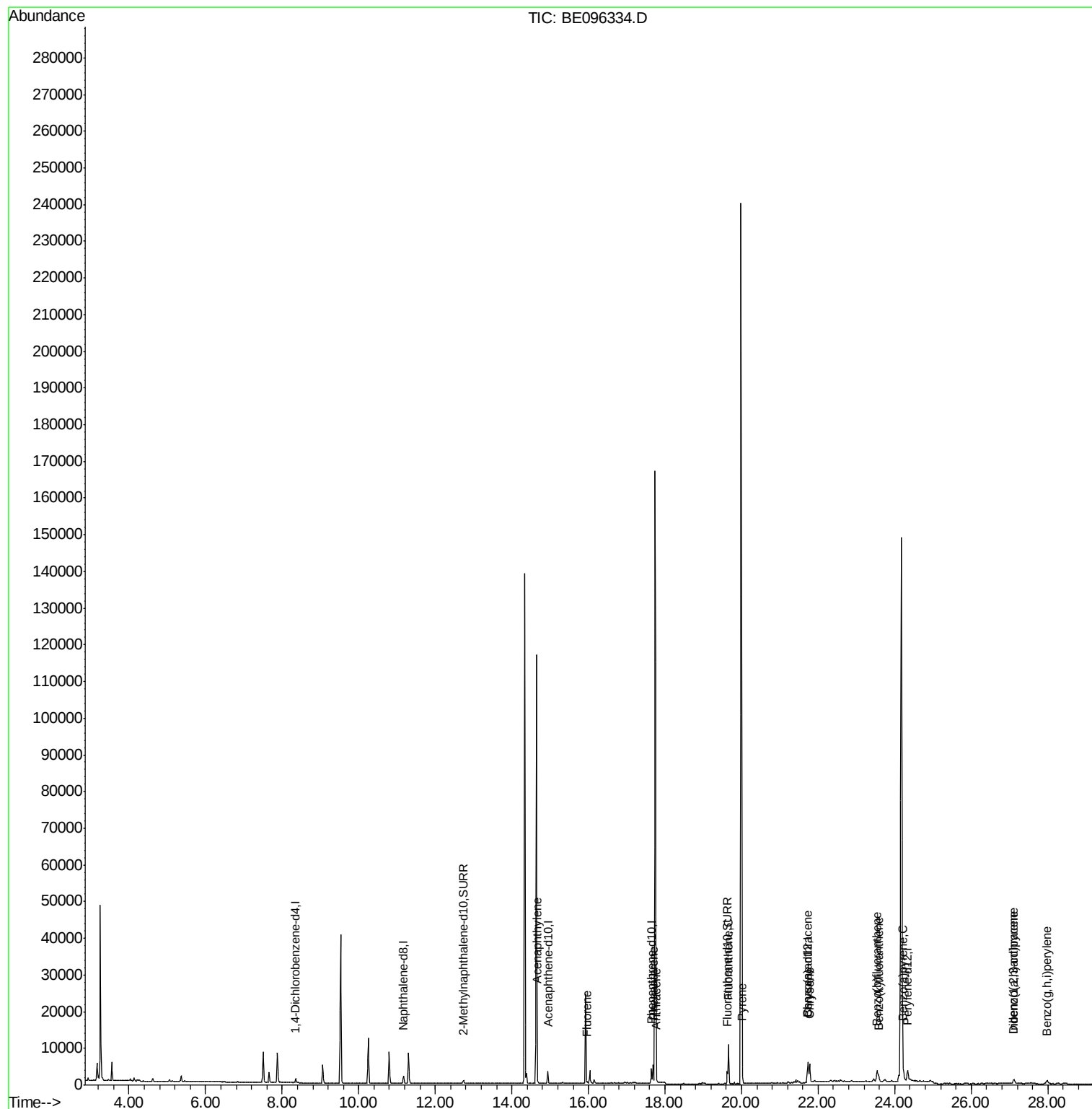
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
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Acq On : 3 May 2018 21:53
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Misc :
ALS Vial : 10 Sample Multiplier: 1

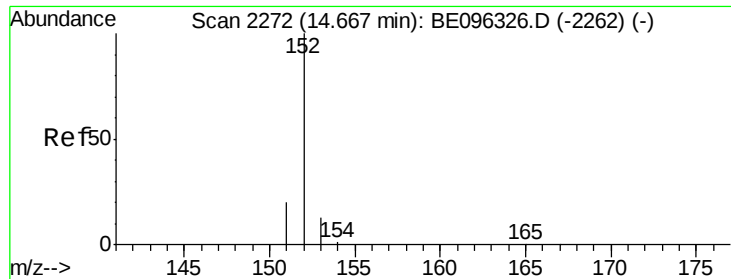
Instrument :
BNA_E
ClientSampleId :
A3Y18

Manual Integrations
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QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.67 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

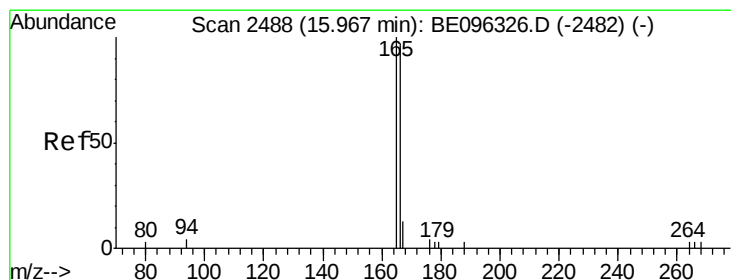
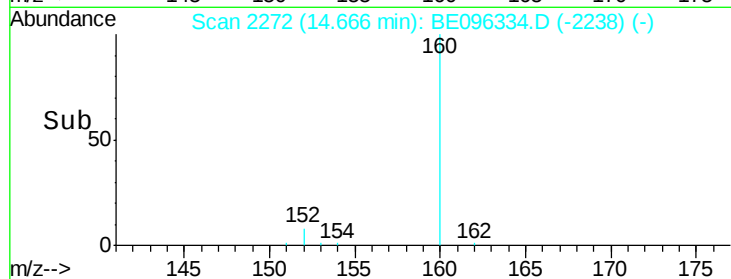
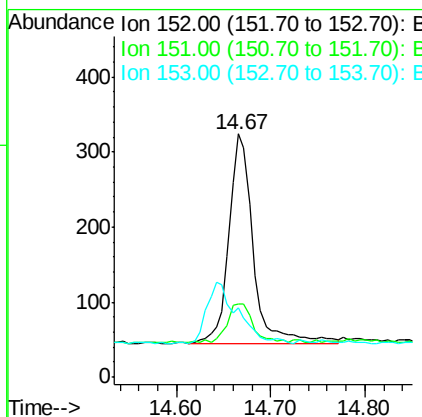
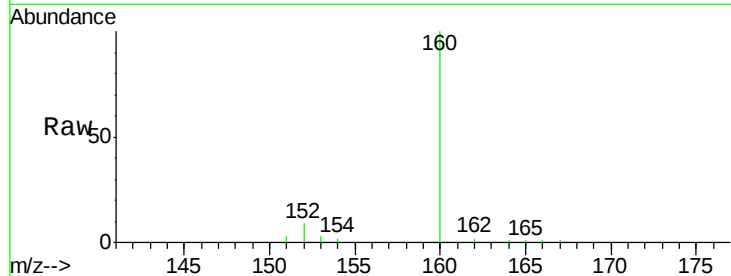
ClientSampleId :

A3Y18

Tot Ion:	152	Resp:	501
Ion Ratio	Lower	Upper	
152	100		
151	29.9	17.1	25.7#
153	28.4	12.8	19.2#

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#9

Fluorene

Concen: 0.020 ng/ul

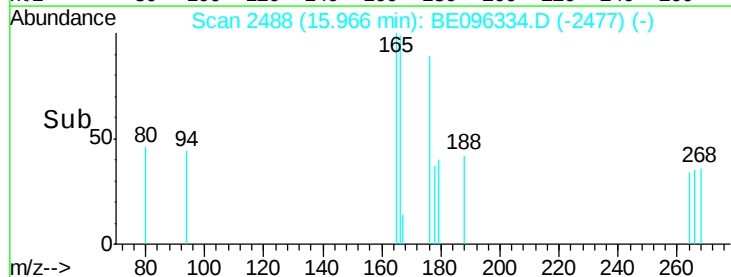
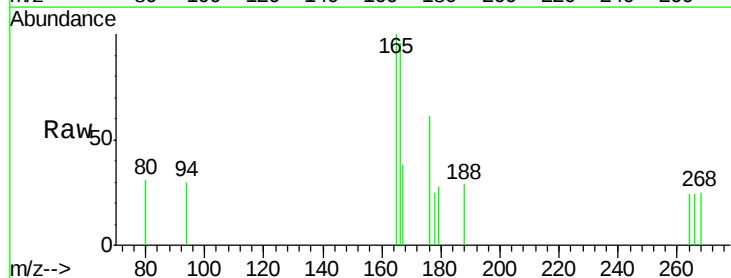
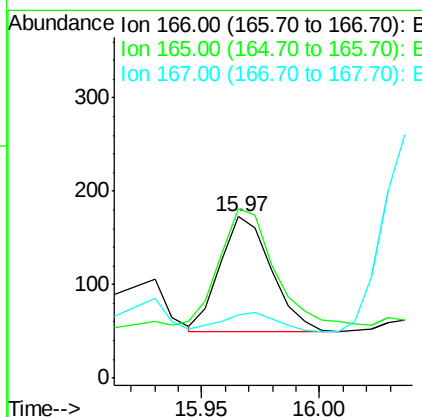
RT: 15.97 min Scan# 2488

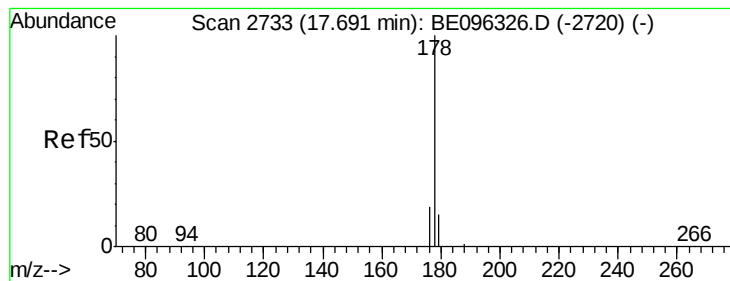
Delta R.T. -0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Tgt Ion:	166	Resp:	186
Ion Ratio	Lower	Upper	
166	100		
165	104.6	73.4	110.2
167	39.3	14.6	22.0#





#12

Phenanthrene

Concen: 0.363 ng/ul m

RT: 17.69 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

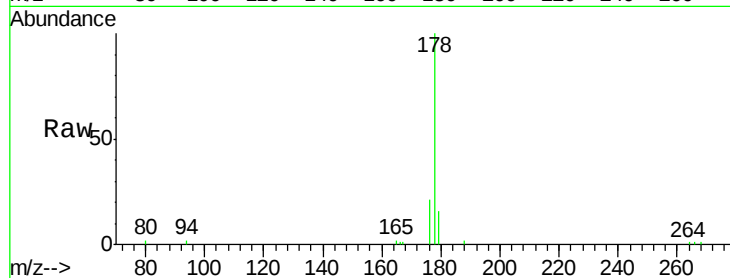
ClientSampleId :

A3Y18

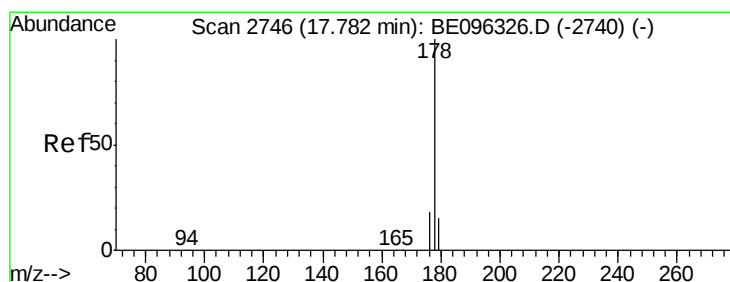
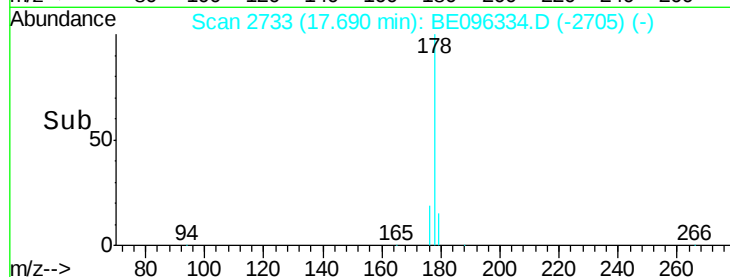
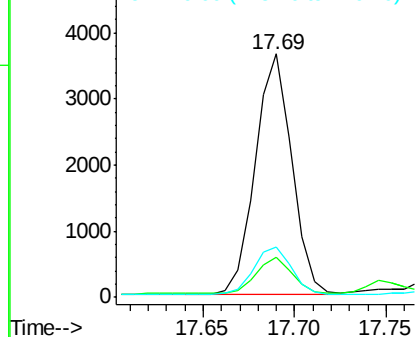
Tot Ion:178	Resp:	5077
Ion Ratio	Lower	Upper
178	100	
179	16.3	18.4 27.6#
176	20.5	13.6 20.4#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.037 ng/ul m

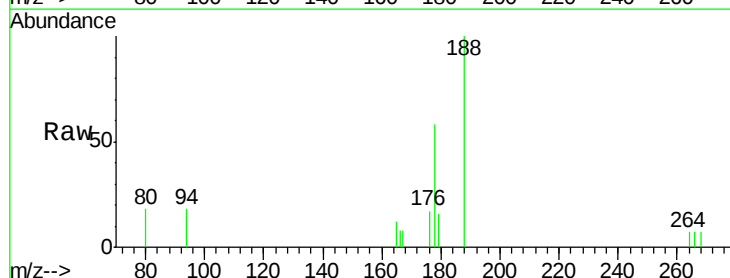
RT: 17.78 min Scan# 2746

Delta R.T. -0.00 min

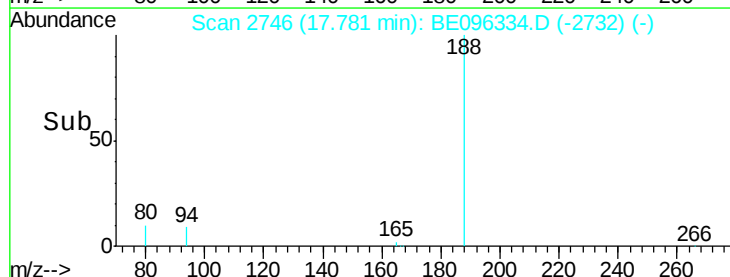
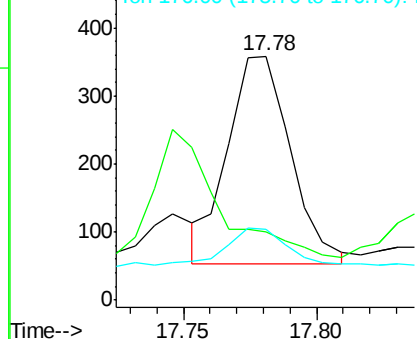
Lab File: BE096334.D

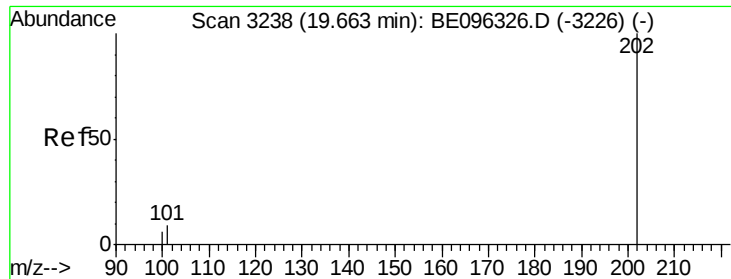
Acq: 3 May 2018 21:53

Tgt Ion:178	Resp:	503
Ion Ratio	Lower	Upper
178	100	
179	27.9	18.1 27.1#
176	29.1	14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.613 ng/ul m

RT: 19.66 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

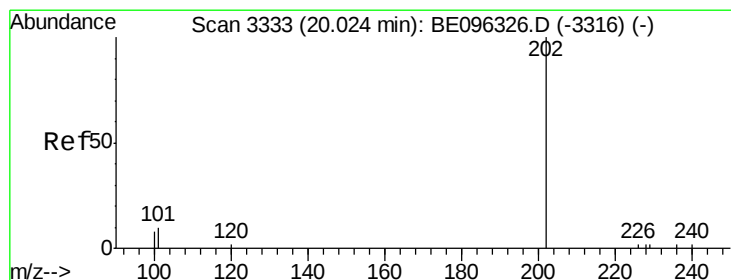
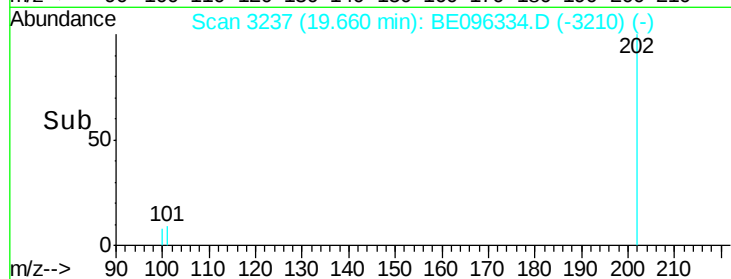
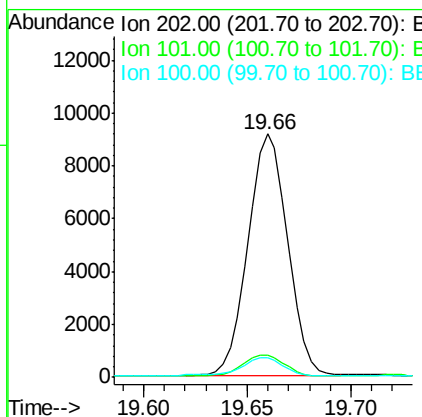
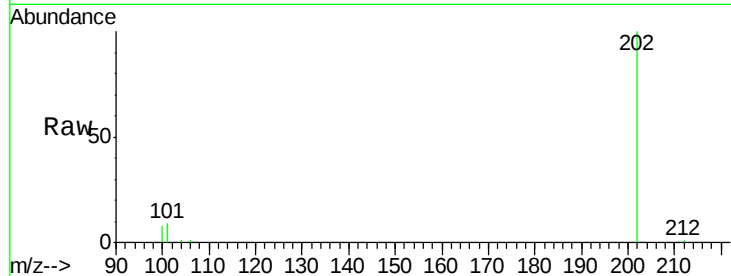
ClientSampleId :

A3Y18

Tot Ion:	202	Resp:	12185
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.3
100	8.2	0.0	39.5

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#17

Pyrene

Concen: 0.560 ng/ul m

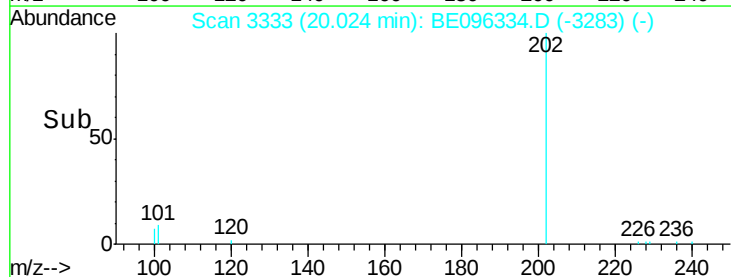
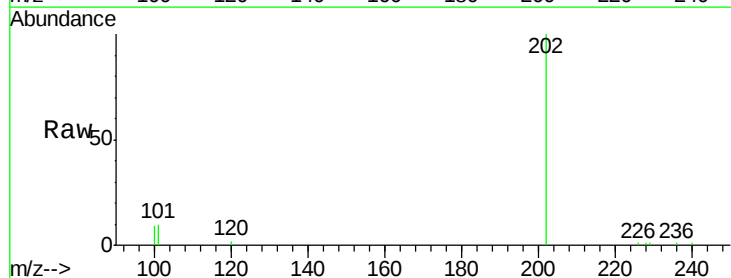
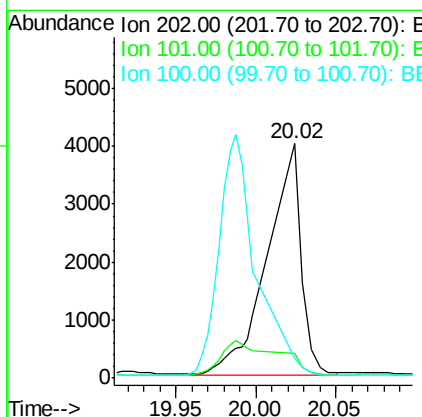
RT: 20.02 min Scan# 3333

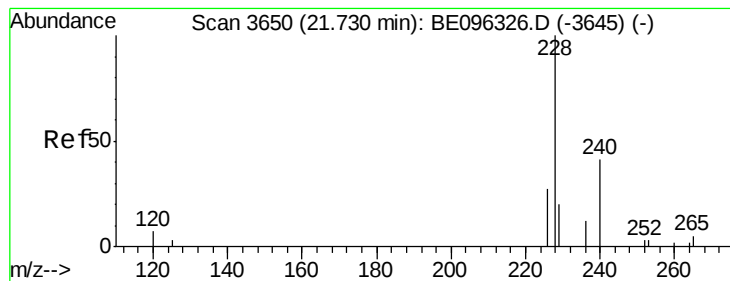
Delta R.T. 0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Tgt Ion:	202	Resp:	3159
Ion Ratio	Lower	Upper	
202	100		
101	10.3	18.2	27.4#
100	8.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.226 ng/ul m

RT: 21.73 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

ClientSampleId :

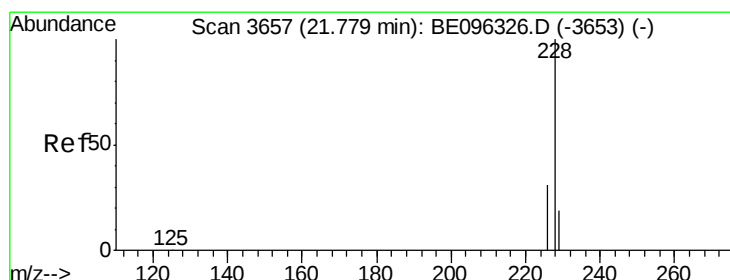
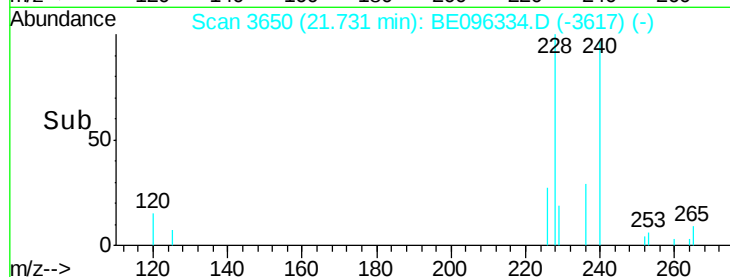
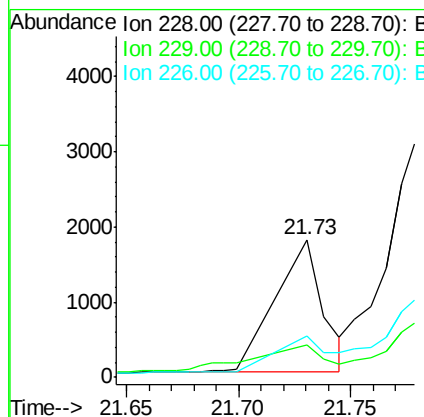
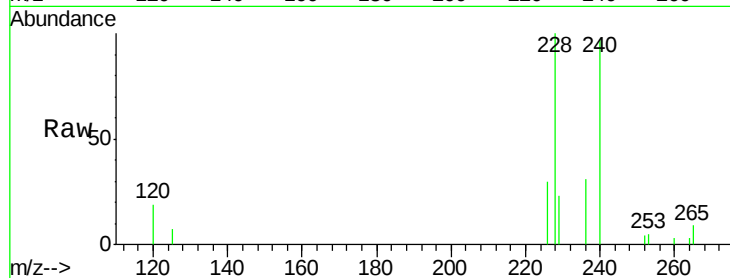
A3Y18

Tot Ion:228 Resp: 1767

Ion	Ratio	Lower	Upper
228	100		
229	23.4	22.8	34.2
226	29.8	17.0	25.6

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#19

Chrysene

Concen: 0.340 ng/ul m

RT: 21.78 min Scan# 3657

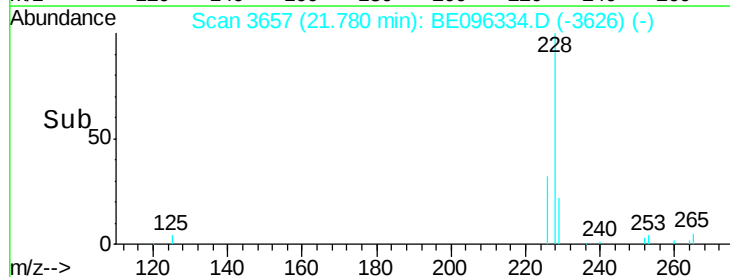
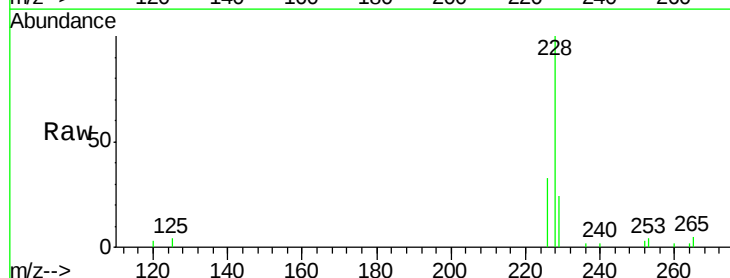
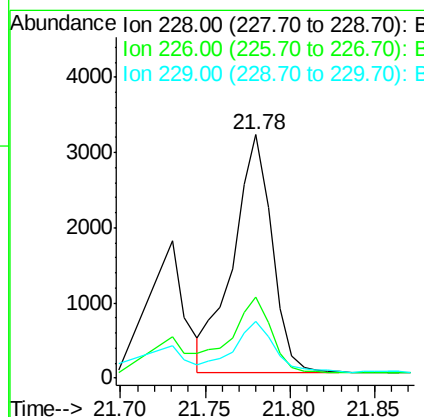
Delta R.T. 0.00 min

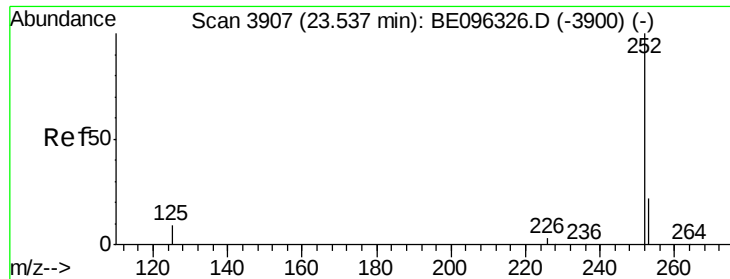
Lab File: BE096334.D

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Tgt Ion:228 Resp: 5094

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.4	35.0
229	23.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.414 ng/ul m

RT: 23.54 min Scan# 3907

Delta R.T. 0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

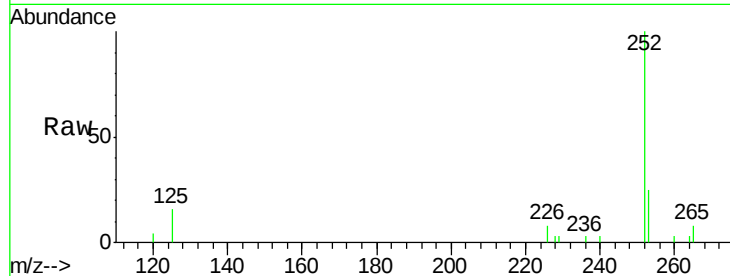
ClientSampleId :

A3Y18

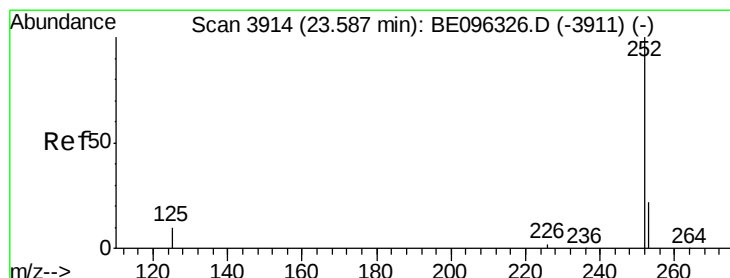
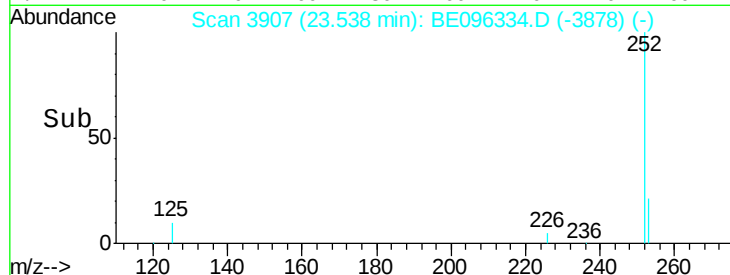
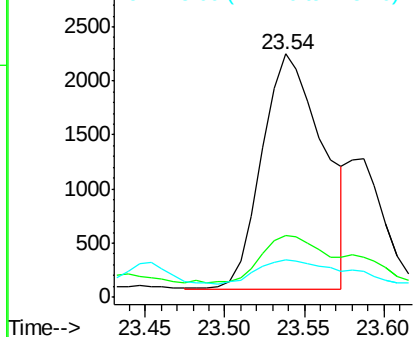
Tot Ion:	252	Resp:	5833
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	64.2
125	15.6	0.0	35.0

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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: 0.136 ng/ul m

RT: 23.59 min Scan# 3914

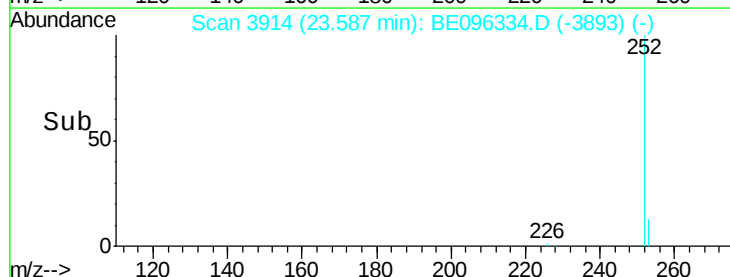
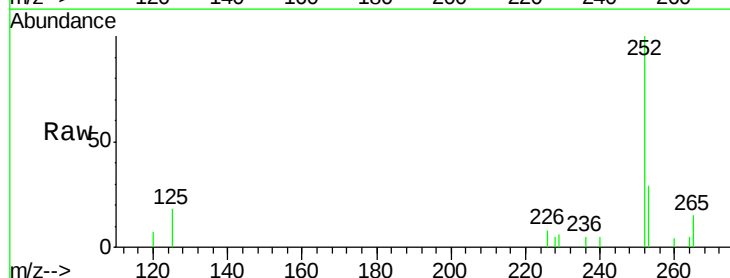
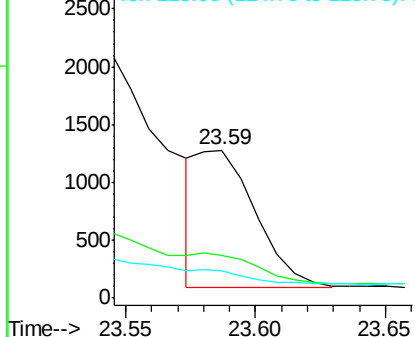
Delta R.T. 0.00 min

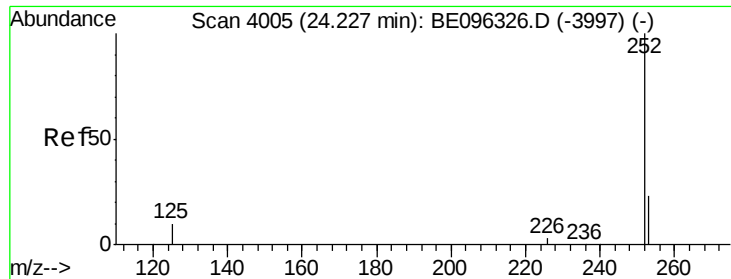
Lab File: BE096334.D

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Tgt Ion:	252	Resp:	1854
Ion Ratio	Lower	Upper	
252	100		
253	28.8	24.5	36.7
125	18.5	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: 0.247 ng/ul m

RT: 24.23 min Scan# 4005

Delta R.T. 0.00 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

Instrument :

BNA_E

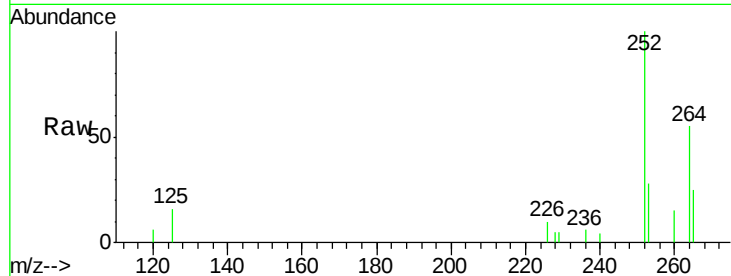
ClientSampleId :

A3Y18

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	28.5	42.7#
125	16.1	18.1	27.1#

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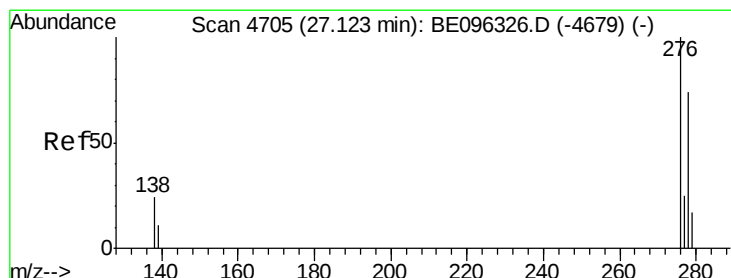
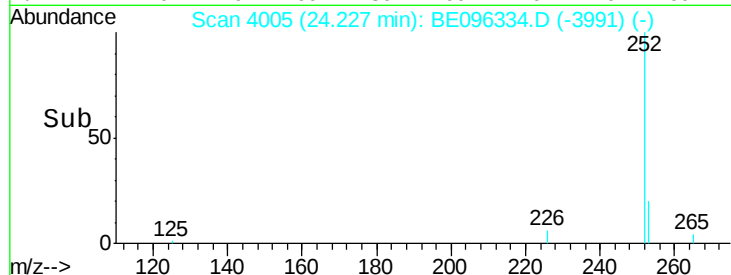
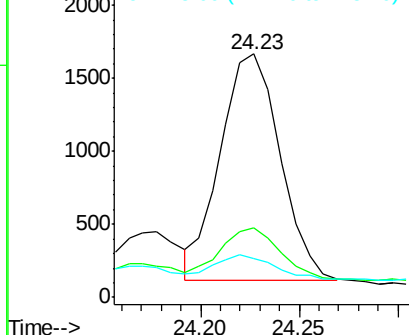


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.165 ng/ul m

RT: 27.12 min Scan# 4703

Delta R.T. -0.01 min

Lab File: BE096334.D

Acq: 3 May 2018 21:53

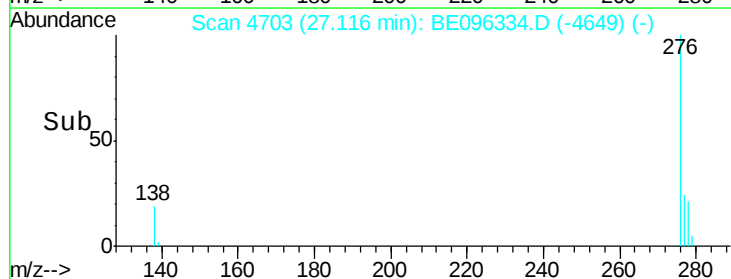
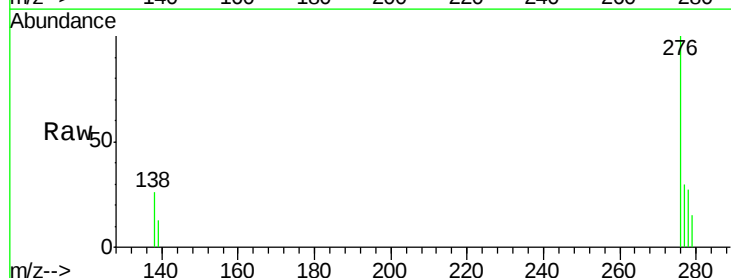
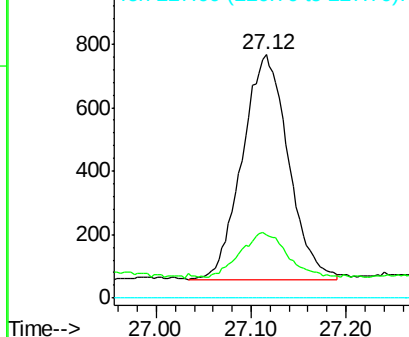
Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.1	28.0	42.0#
227	0.0	8.0	12.0#

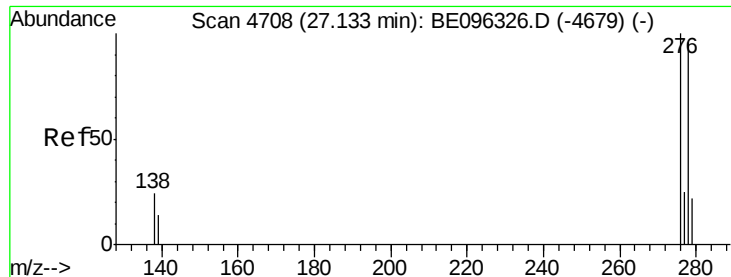
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





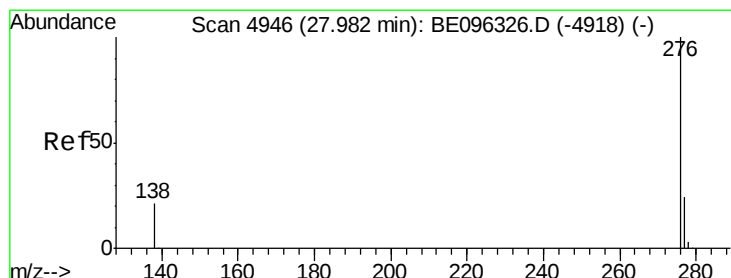
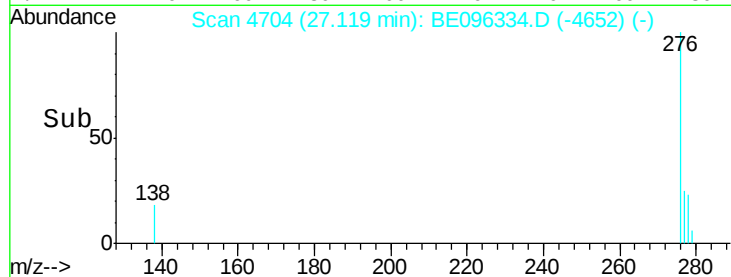
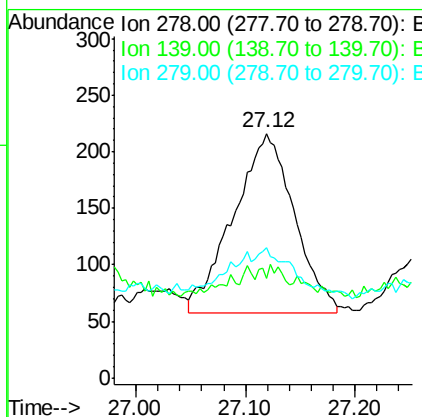
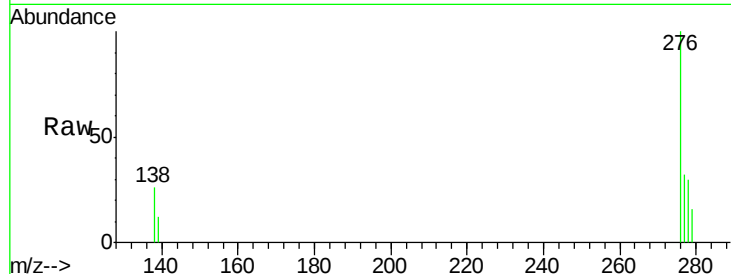
#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul m
RT: 27.12 min Scan# 4704
Delta R.T. -0.01 min
Lab File: BE096334.D
Acq: 3 May 2018 21:53

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
278	100		
139	40.7	17.4	26.0#
279	53.2	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.174 ng/ul m
RT: 27.98 min Scan# 4946
Delta R.T. 0.00 min
Lab File: BE096334.D
Acq: 3 May 2018 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.8	32.8
277	29.5	20.5	30.7

