

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096107.D
 Acq On : 24 Apr 2018 4:24
 Operator : SJ/JU
 Sample : J2434-08DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Manual Integrations
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Sohil
 4/24/2018 7:11:27 PM

Quant Time: Apr 24 16:59:20 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2094	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5862	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3311	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7264	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8385	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7252	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	449	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	1185	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	350	0.021	ng/ul#	53
8) Acenaphthene	15.03	153	565	0.046	ng/ul#	92
9) Fluorene	15.99	166	537	0.039	ng/ul#	91
12) Phenanthrene	17.72	178	10081	0.471	ng/ul#	89
13) Anthracene	17.81	178	2699	0.127	ng/ul	92
15) Fluoranthene	19.69	202	29143	1.000	ng/ul	83
17) Pyrene	20.04	202	30020	1.054	ng/ul#	80
18) Benzo(a)anthracene	21.75	228	20097	0.593	ng/ul#	86
19) Chrysene	21.81	228	18925	0.776	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	30884m	1.316	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	10425m	0.446	ng/ul	
23) Benzo(a)pyrene	24.26	252	23578	1.041	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.17	276	16200	0.644	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.18	278	4183	0.206	ng/ul	96
26) Benzo(g,h,i)perylene	28.05	276	16208	0.771	ng/ul	95

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

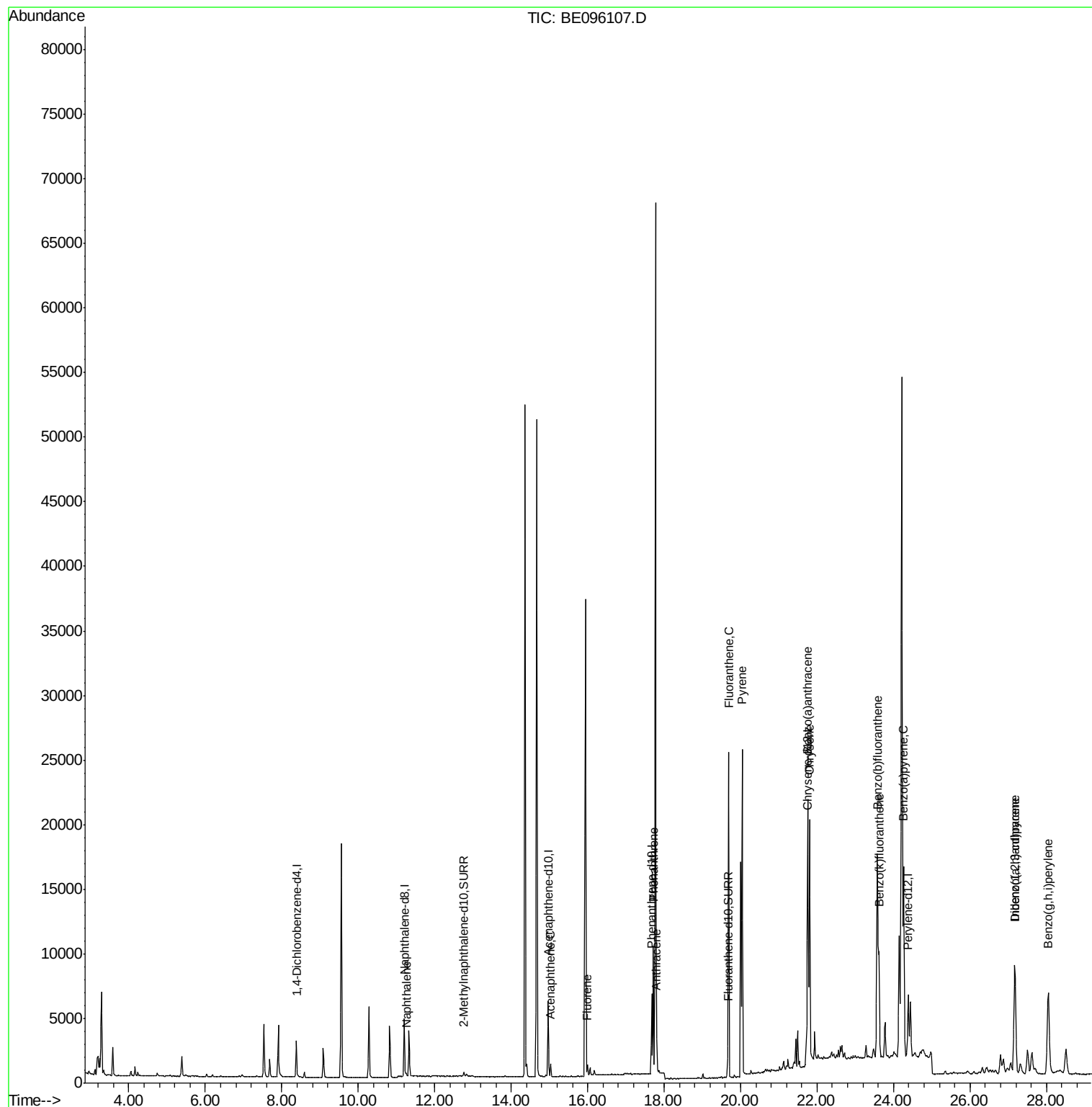
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096107.D
Acq On : 24 Apr 2018 4:24
Operator : SJ/JU
Sample : J2434-08DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

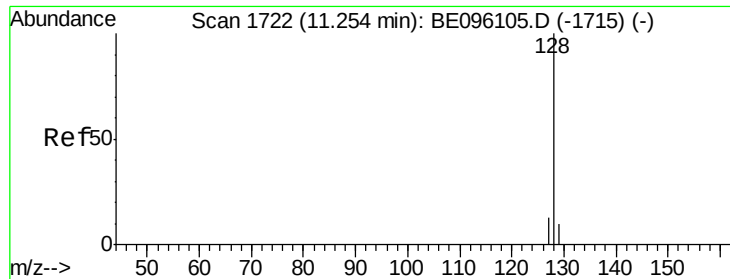
Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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4/24/2018 7:11:27 PM

Quant Time: Apr 24 16:59:20 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

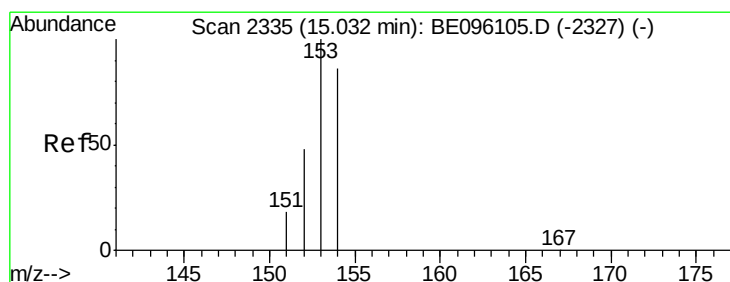
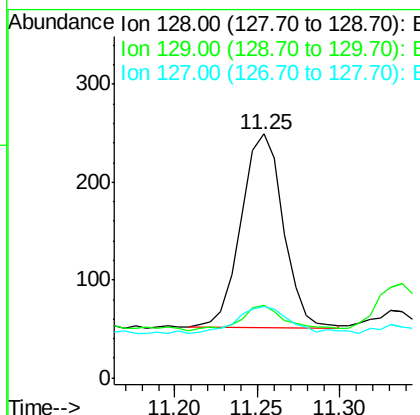
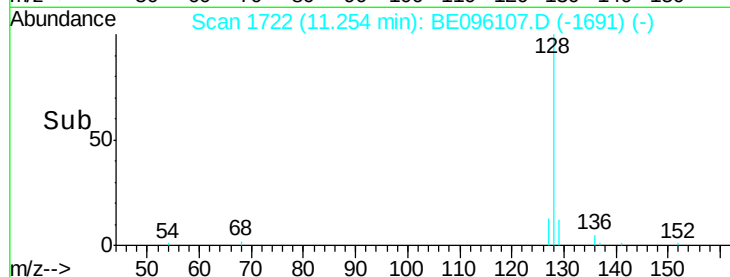
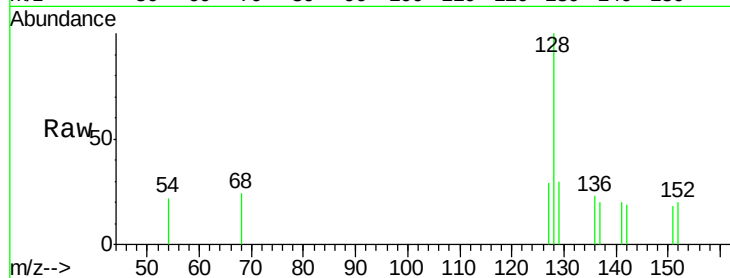
ClientSampleId :

C0AC3DL

Tot Ion:	128	Resp:	350
Ion Ratio	Lower	Upper	
128	100		
129	29.7	11.3	16.9#
127	29.3	4.0	6.0#

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#8

Acenaphthene

Concen: 0.046 ng/ul

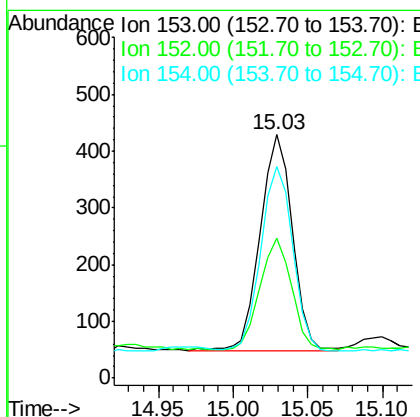
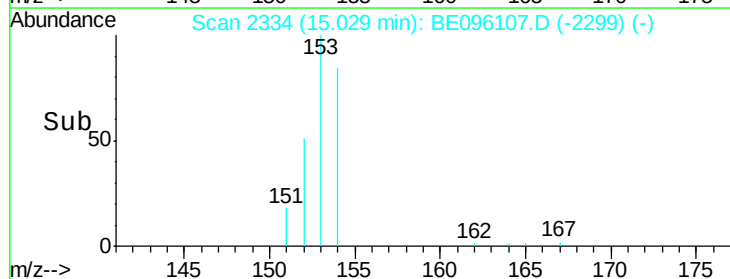
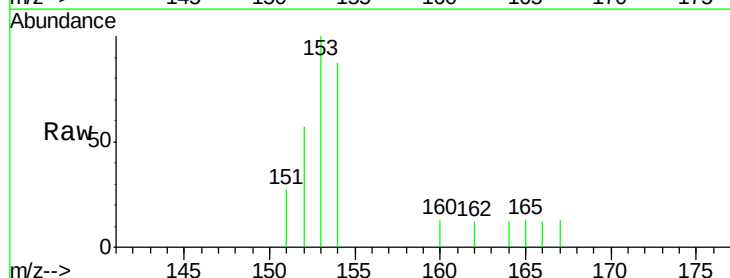
RT: 15.03 min Scan# 2334

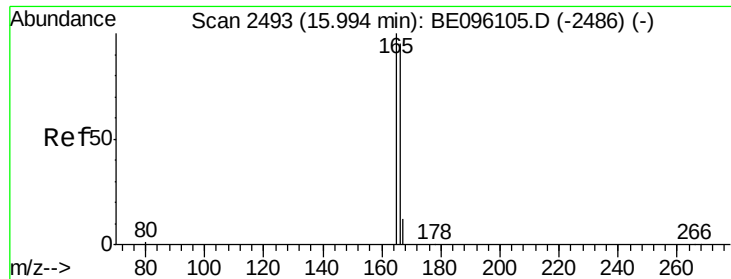
Delta R.T. 0.00 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Tgt Ion:	153	Resp:	565
Ion Ratio	Lower	Upper	
153	100		
152	57.3	36.0	54.0#
154	86.9	72.0	108.0





#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

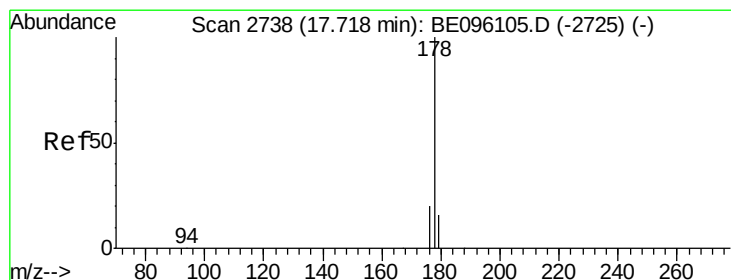
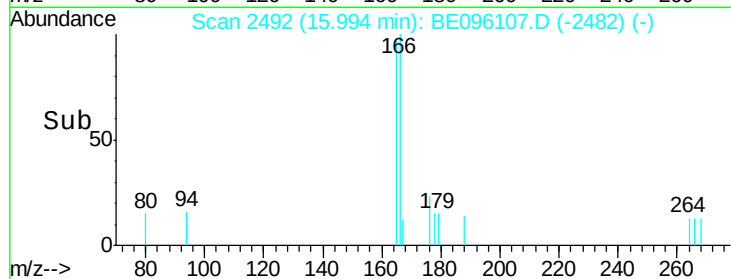
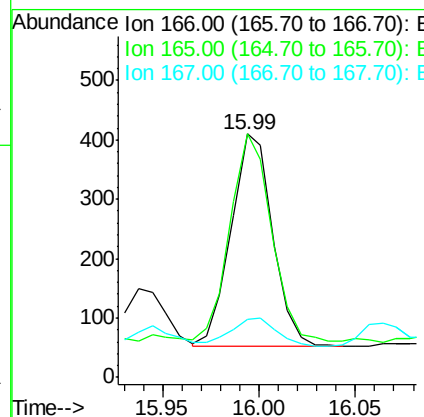
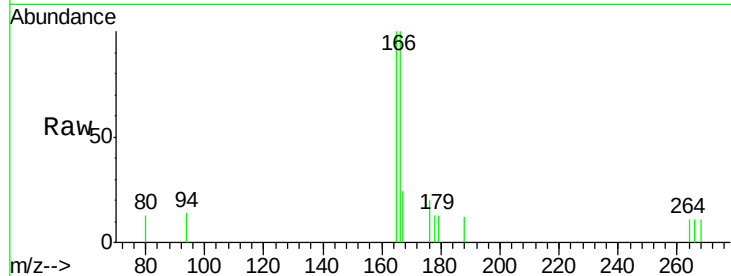
ClientSampled :

C0AC3DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	73.4	110.2
167	23.9	14.6	22.0

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#12

Phenanthrene

Concen: 0.471 ng/ul

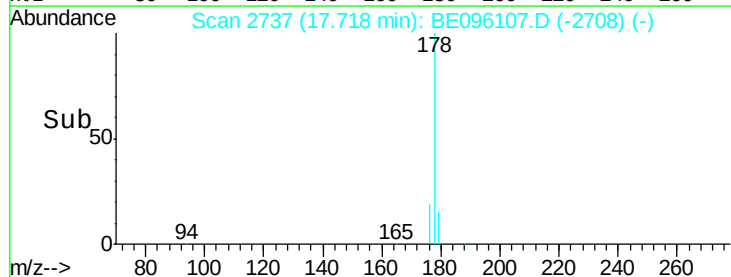
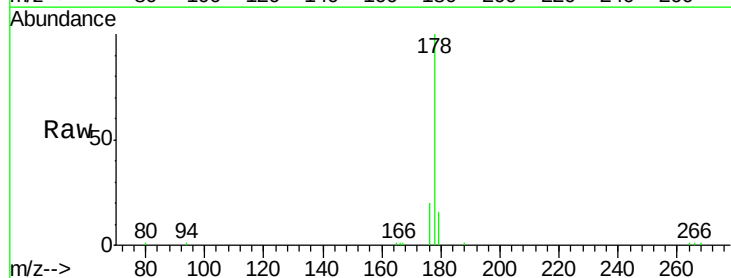
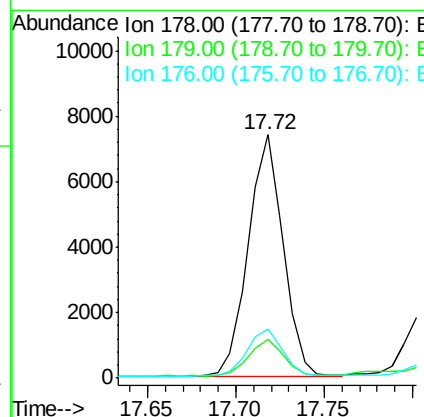
RT: 17.72 min Scan# 2737

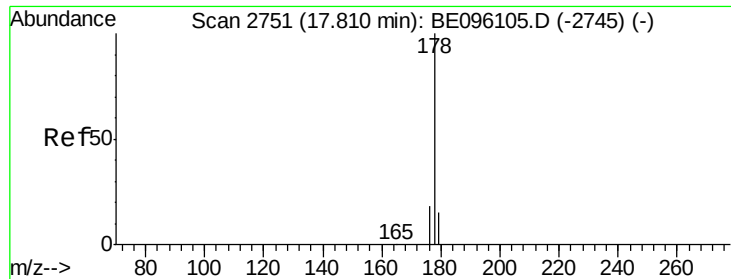
Delta R.T. 0.01 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6
176	20.0	13.6	20.4





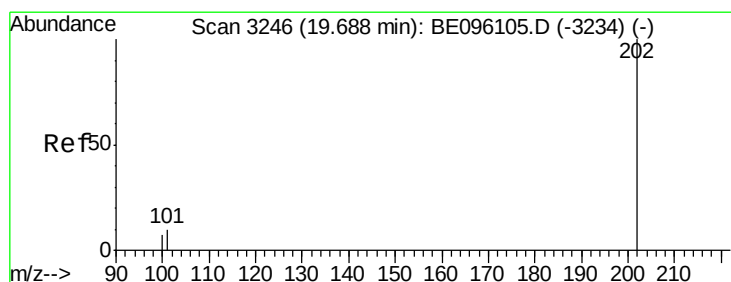
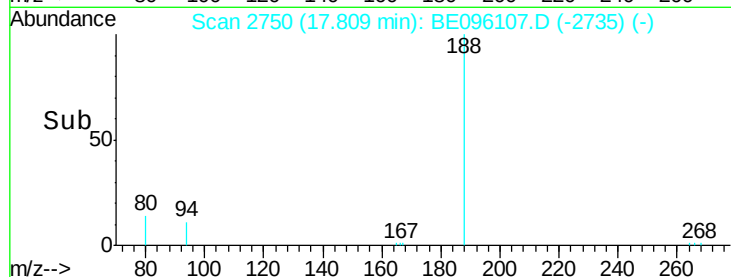
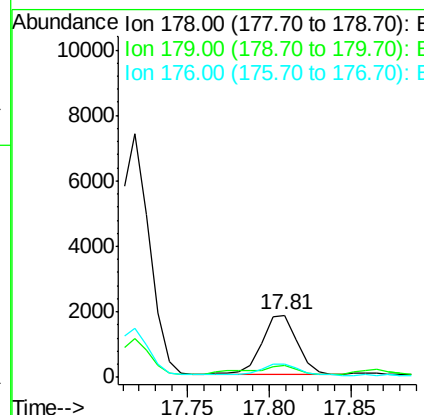
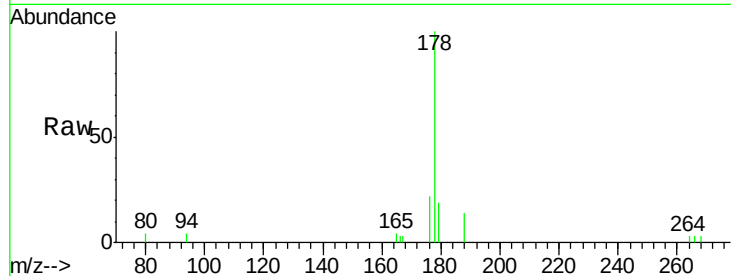
#13
 Anthracene
 Concen: 0.127 ng/ul
 RT: 17.81 min Scan# 2750
 Delta R.T. 0.01 min
 Lab File: BE096107.D
 Acq: 24 Apr 2018 4:24

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.8	18.1	27.1
176	21.6	14.7	22.1

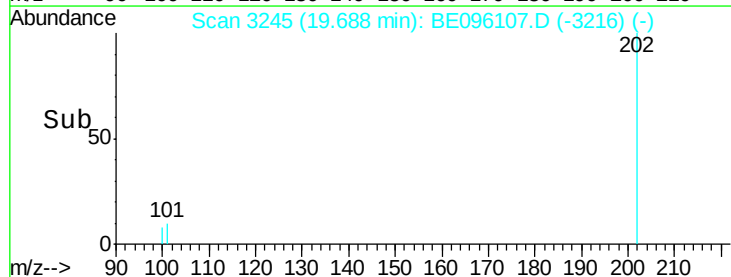
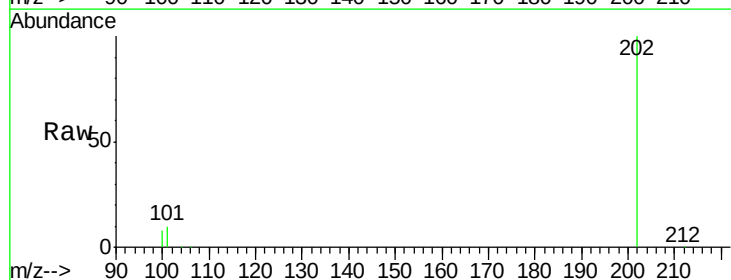
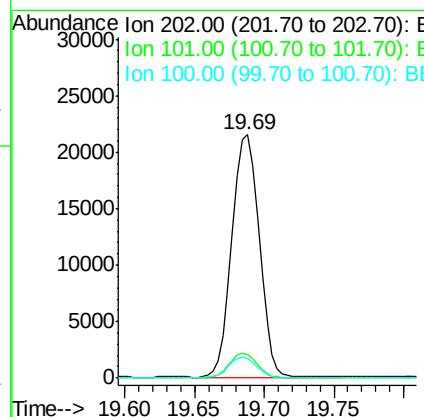
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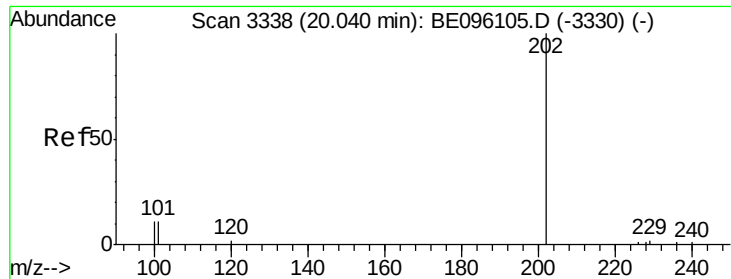
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#15
 Fluoranthene
 Concen: 1.000 ng/ul
 RT: 19.69 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BE096107.D
 Acq: 24 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.3
100	7.9	0.0	39.5





#17

Pvrene

Concen: 1.054 ng/ul

RT: 20.04 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

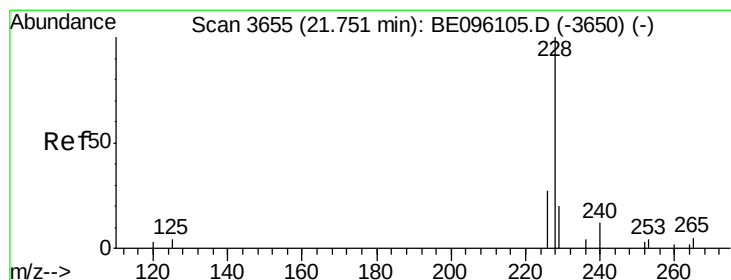
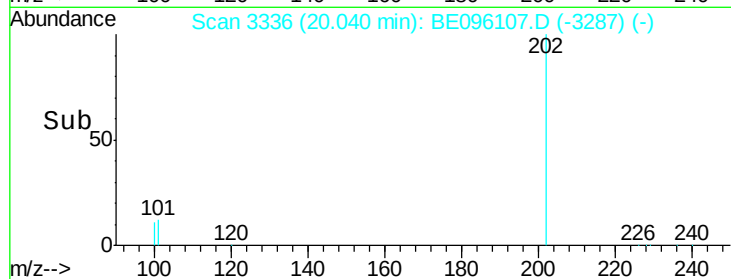
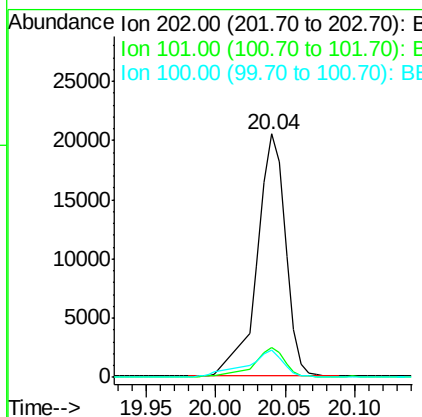
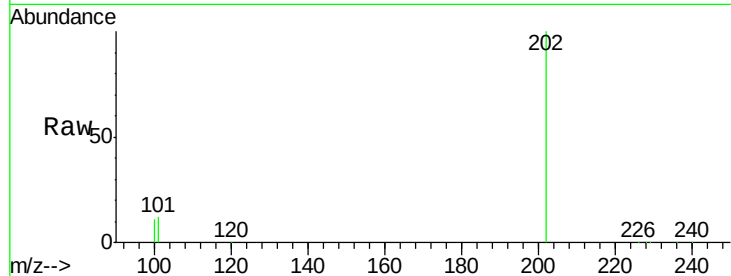
ClientSampleId :

C0AC3DL

Tot Ion:	202	Resp:	30020
Ion Ratio	Lower	Upper	
202	100		
101	12.4	18.2	27.4#
100	11.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.593 ng/ul

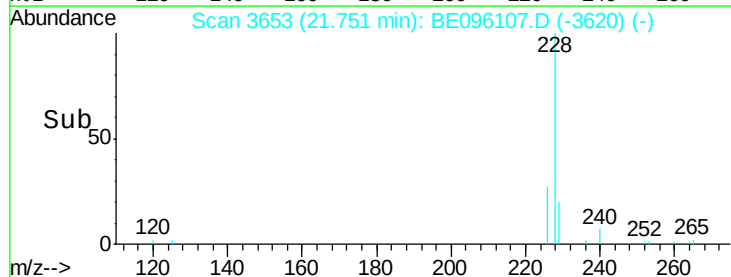
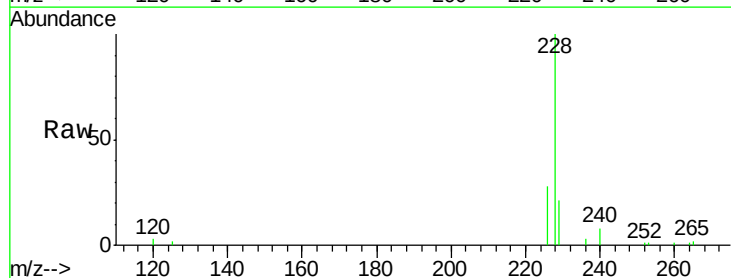
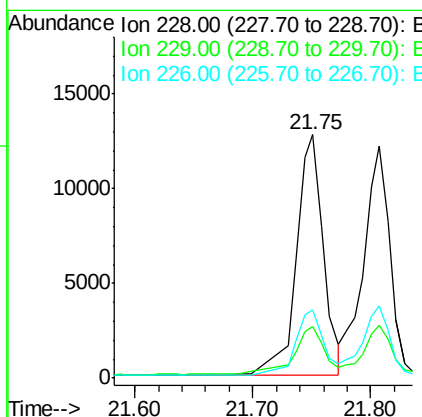
RT: 21.75 min Scan# 3653

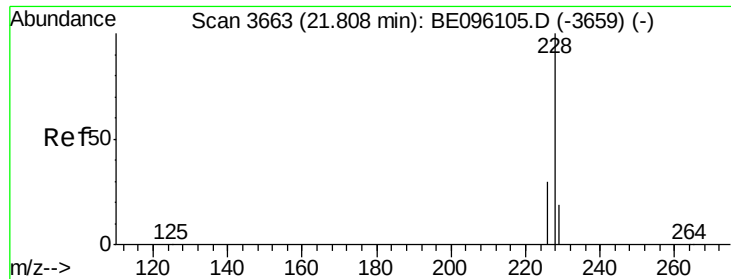
Delta R.T. 0.01 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Tgt Ion:	228	Resp:	20097
Ion Ratio	Lower	Upper	
228	100		
229	21.4	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 0.776 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.01 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

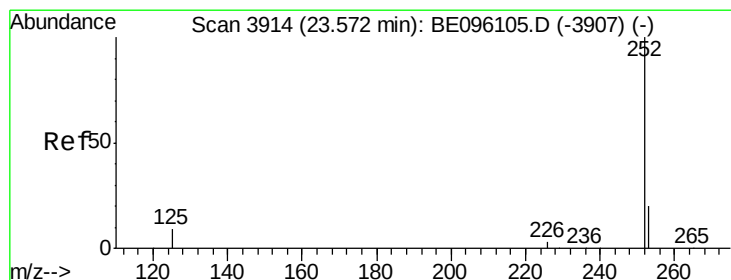
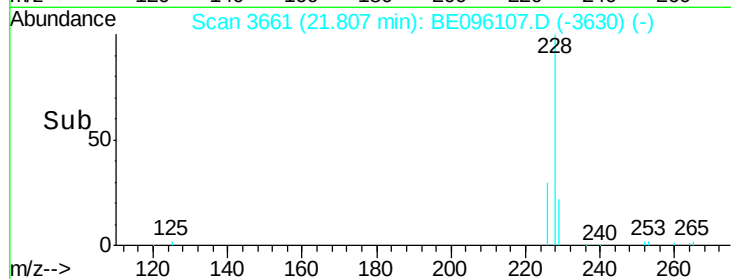
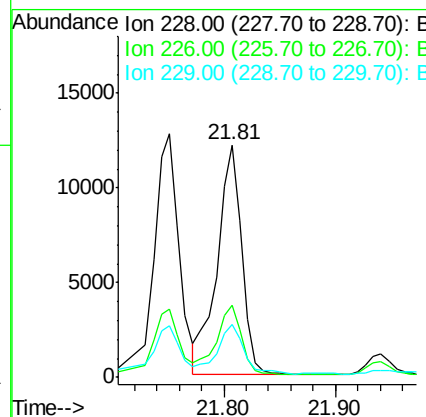
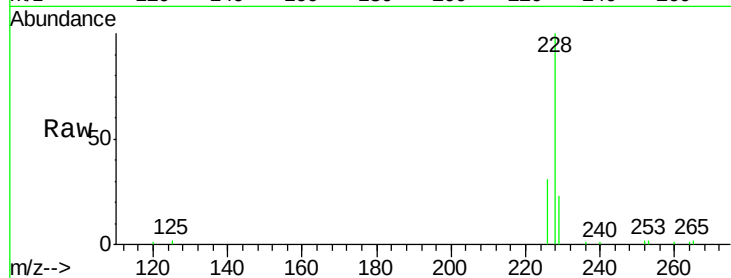
ClientSampled :

C0AC3DL

Tot Ion:	228	Resp:	18925
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	23.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.316 ng/ul m

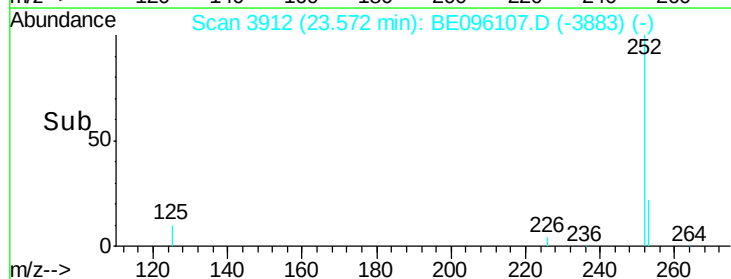
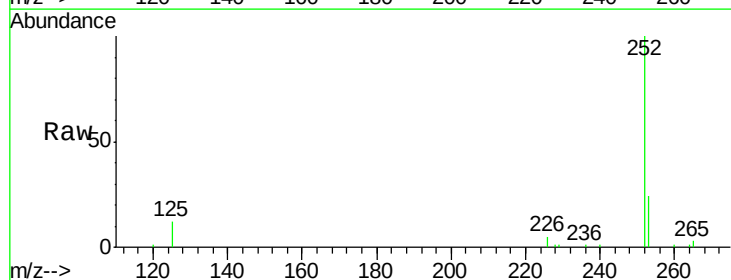
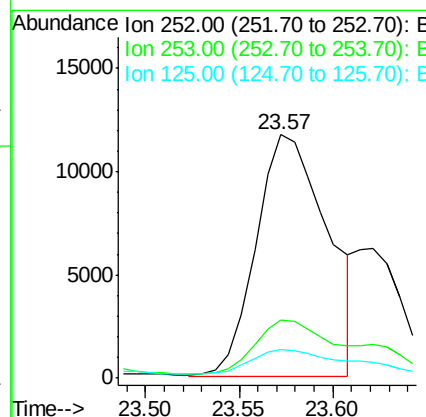
RT: 23.57 min Scan# 3912

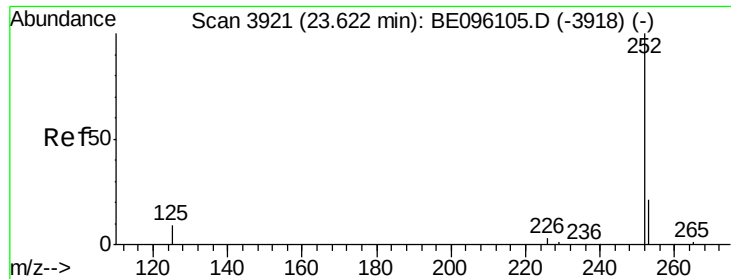
Delta R.T. 0.01 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Tgt Ion:	252	Resp:	30884
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	64.2
125	11.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.446 ng/ul m

RT: 23.62 min Scan# 3919

Delta R.T. -0.00 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

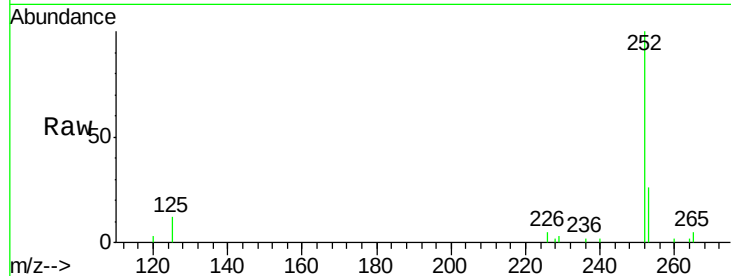
ClientSampleId :

C0AC3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.5	36.7
125	12.0	13.7	20.5#

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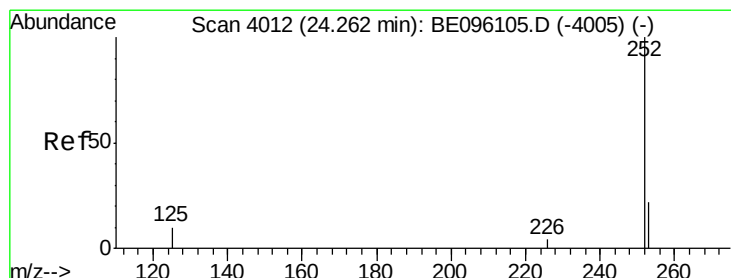
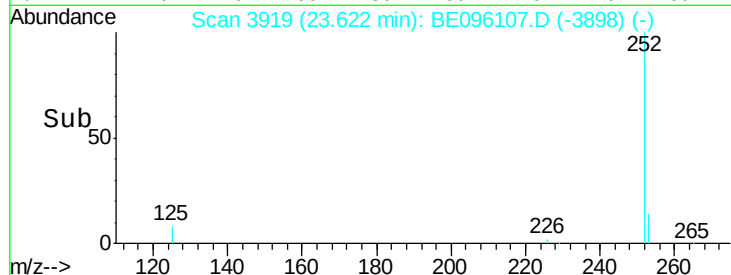
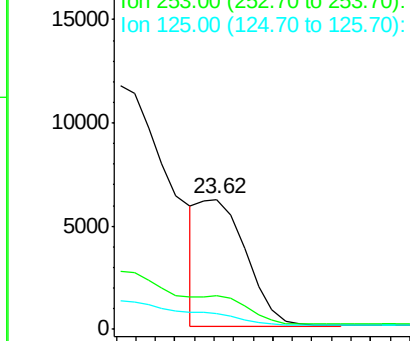


Abundance

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



#23

Benzo(a)pyrene

Concen: 1.041 ng/ul

RT: 24.26 min Scan# 4010

Delta R.T. -0.00 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

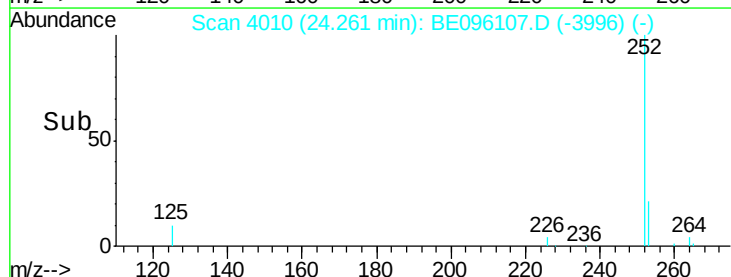
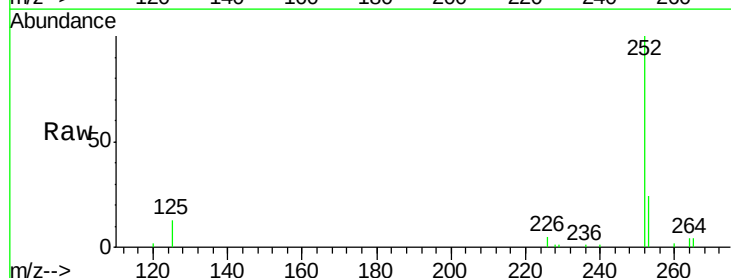
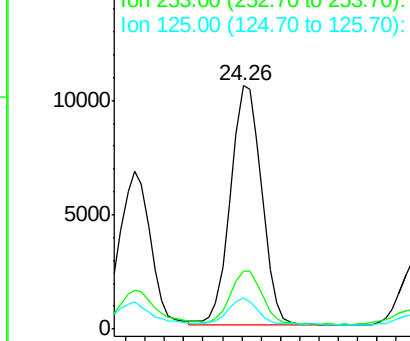
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	12.8	18.1	27.1#

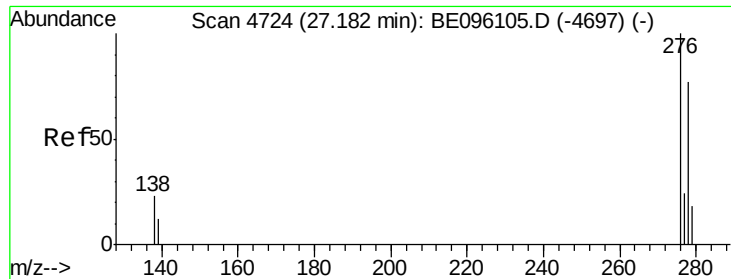
Abundance

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





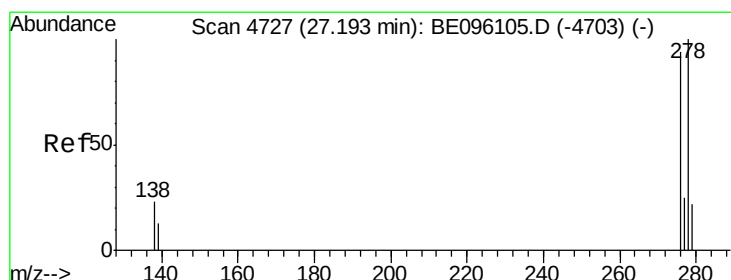
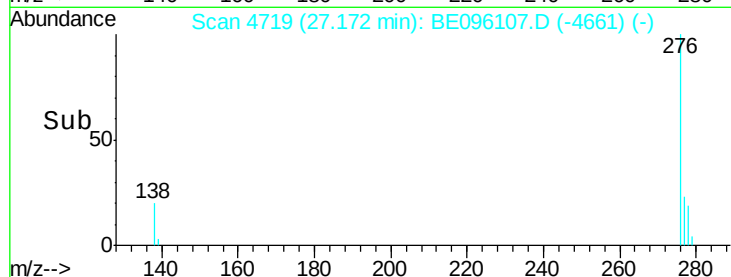
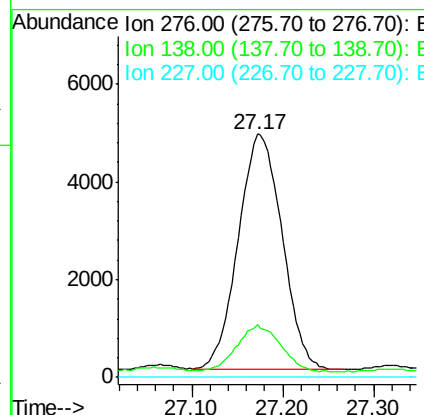
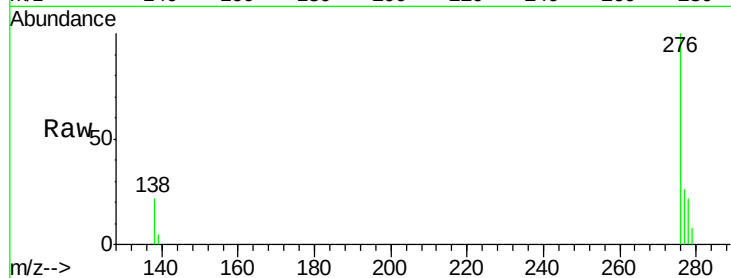
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.644 ng/ul
 RT: 27.17 min Scan# 4719
 Delta R.T. 0.01 min
 Lab File: BE096107.D
 Acq: 24 Apr 2018 4:24

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

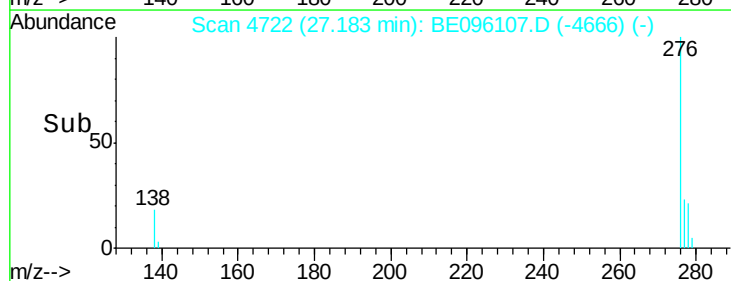
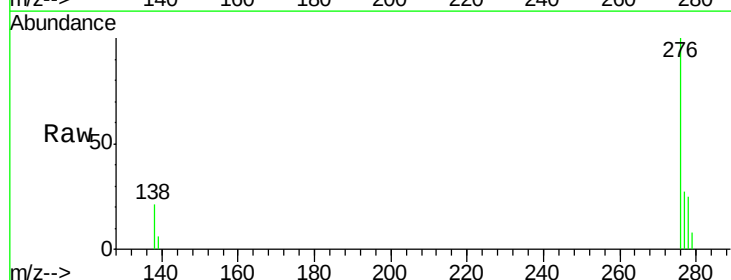
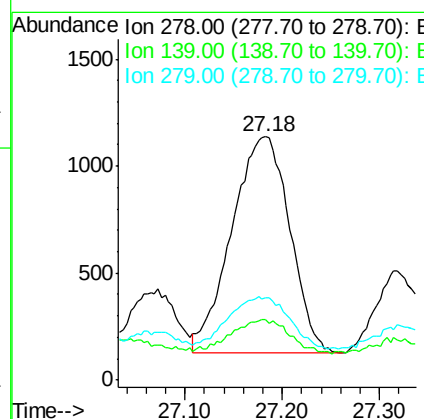
Manual Integrations
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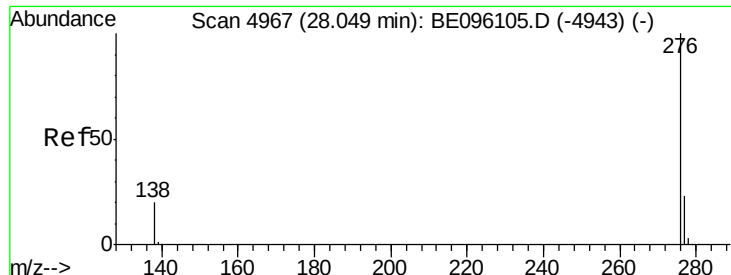
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.206 ng/ul
 RT: 27.18 min Scan# 4722
 Delta R.T. -0.00 min
 Lab File: BE096107.D
 Acq: 24 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.8	17.4	26.0
279	33.9	25.9	38.9





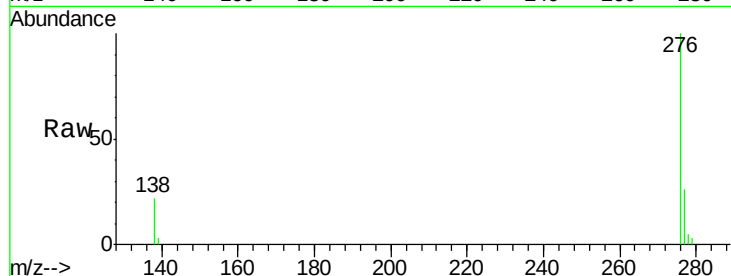
#26
 Benzo(a,h,i)perylene
 Concen: 0.771 ng/ul
 RT: 28.05 min Scan# 4965
 Delta R.T. 0.02 min
 Lab File: BE096107.D
 Acq: 24 Apr 2018 4:24

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	21.8	32.8
277	25.5	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:11:27 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

