

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096188.D
 Acq On : 26 Apr 2018 20:32
 Operator : SJ/JU
 Sample : J2449-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD6

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:28 PM

Quant Time: Apr 27 05:46:55 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	701	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2910	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1692	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3770m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4679m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	3439m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1722	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	4356m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	498	0.061	ng/ul#	69
5) 2-Methylnaphthalene	12.81	142	279	0.051	ng/ul	96
7) Acenaphthylene	14.68	152	1494	0.171	ng/ul	96
8) Acenaphthene	15.01	153	638	0.101	ng/ul#	89
9) Fluorene	15.98	166	1204	0.145	ng/ul	92
12) Phenanthrene	17.70	178	23254m	2.095	ng/ul	
13) Anthracene	17.79	178	5299m	0.476	ng/ul	
15) Fluoranthene	19.67	202	50242m	2.961	ng/ul	
17) Pyrene	20.02	202	28532	3.040	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	19301m	1.363	ng/ul	
19) Chrysene	21.79	228	20834m	1.601	ng/ul	
21) Benzo(b)fluoranthene	23.55	252	29351m	2.254	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	8674m	0.697	ng/ul	
23) Benzo(a)pyrene	24.24	252	19709m	1.742	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.14	276	13141m	0.862	ng/ul	
25) Dibenzo(a,h)anthracene	27.14	278	3551m	0.278	ng/ul	
26) Benzo(a,h,i)perylene	28.01	276	10869m	0.819	ng/ul	

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

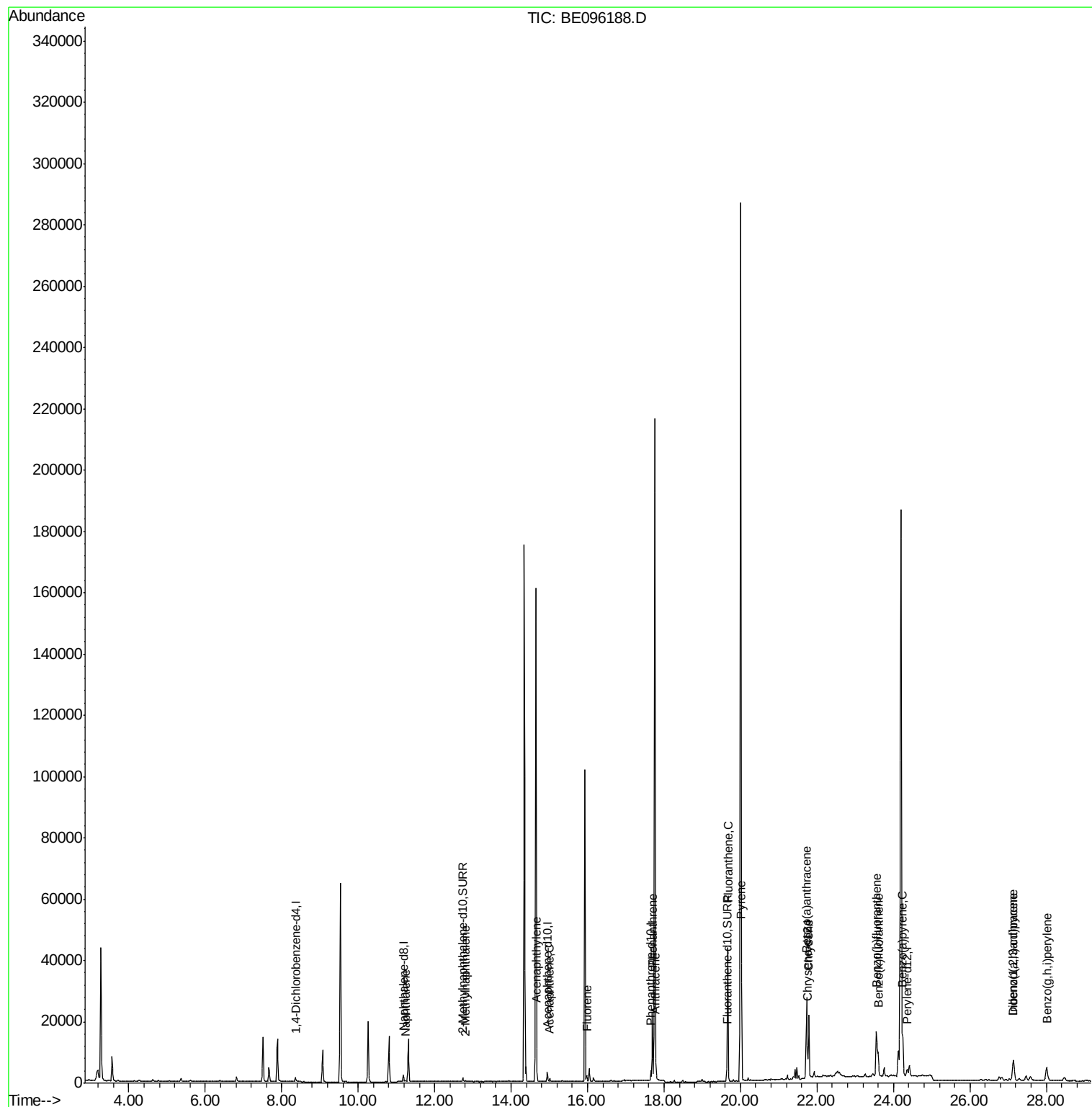
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096188.D
Acq On : 26 Apr 2018 20:32
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Sample : J2449-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

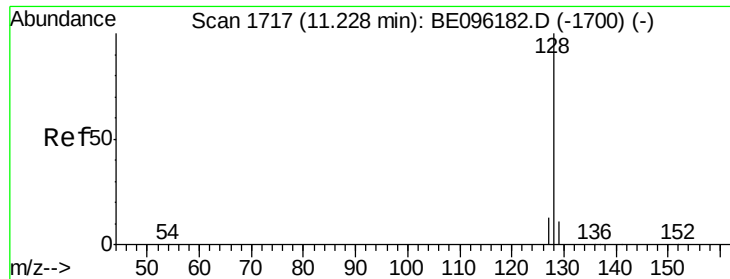
Instrument :
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#3

Naphthalene

Concen: 0.061 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Instrument :

BNA_E

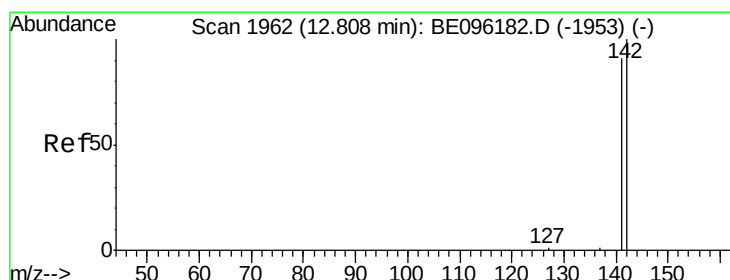
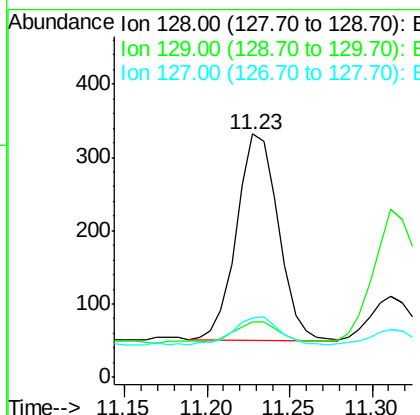
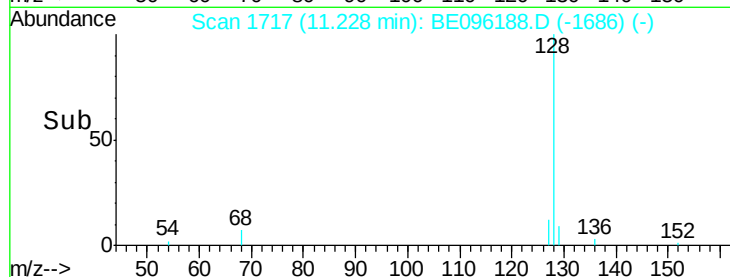
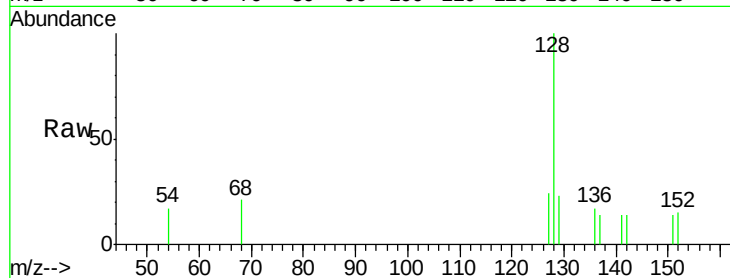
ClientSampled :

C0AD6

Tot Ion:	128	Resp:	498
Ion	Ratio	Lower	Upper
128	100		
129	22.9	11.3	16.9#
127	24.1	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

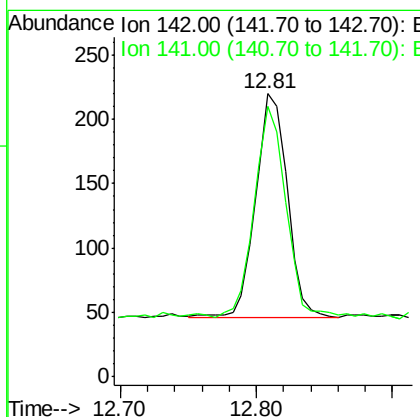
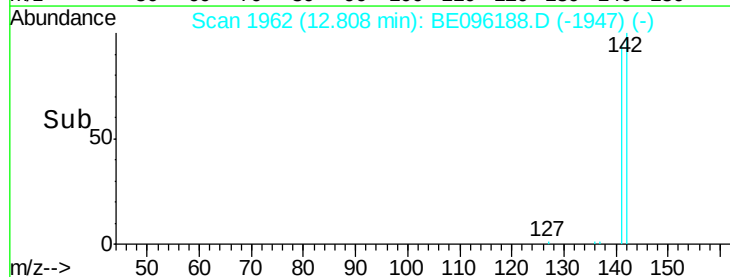
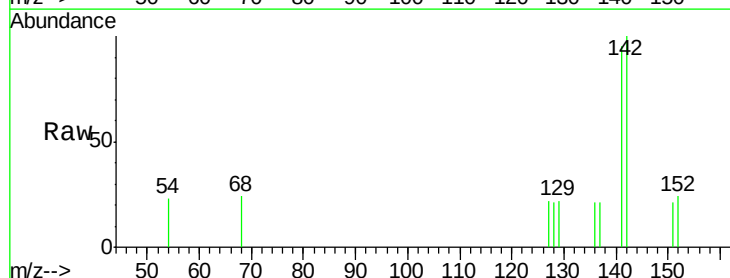
RT: 12.81 min Scan# 1962

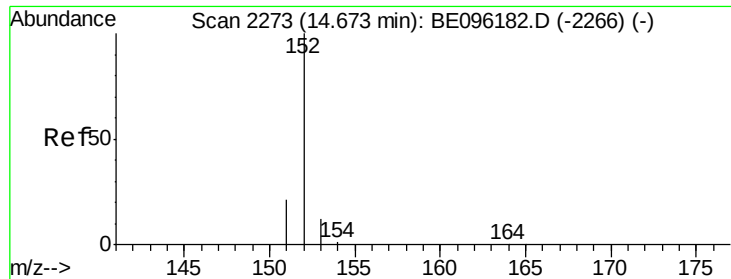
Delta R.T. -0.00 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Tgt Ion:	142	Resp:	279
Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.171 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Instrument :

BNA_E

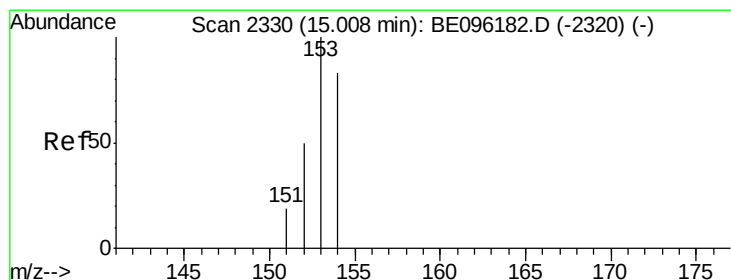
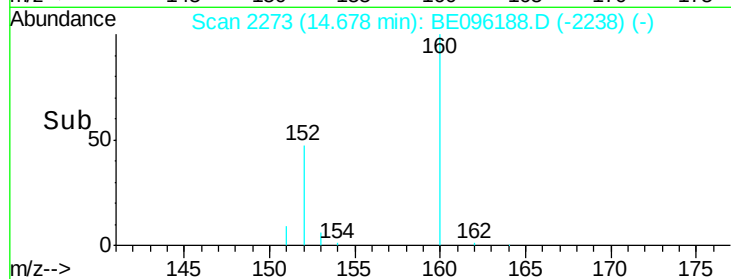
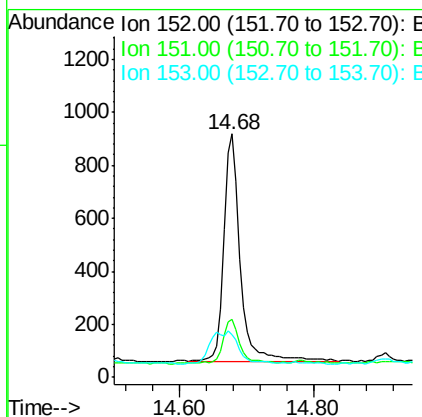
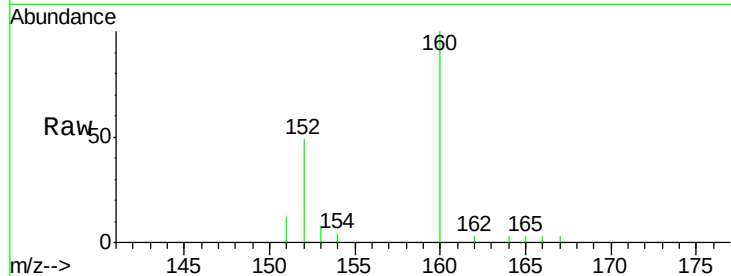
ClientSampleId :

C0AD6

Tot Ion:	152	Resp:	1494
Ion Ratio	Lower	Upper	
152	100		
151	23.8	17.1	25.7
153	17.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.101 ng/ul

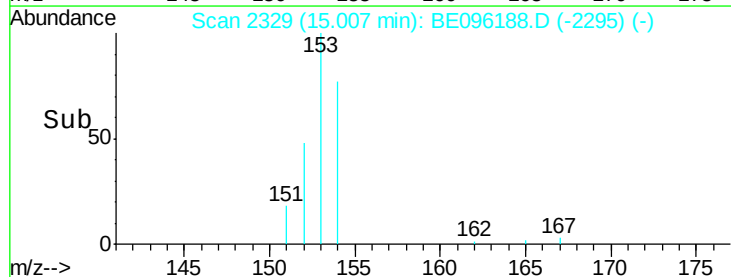
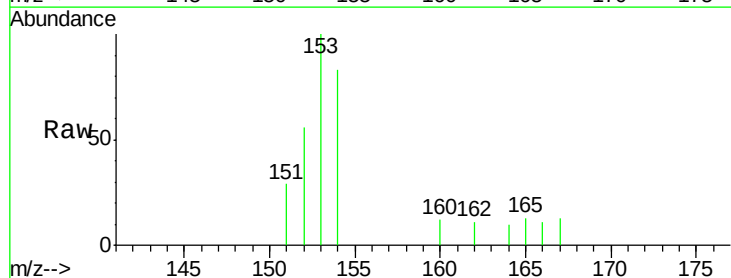
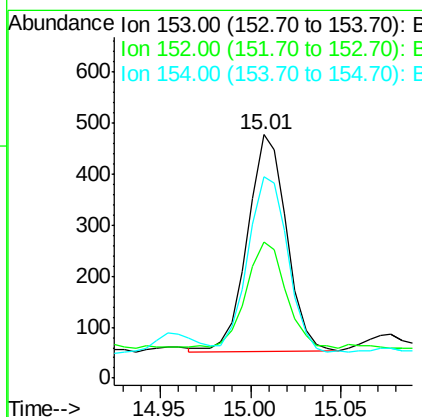
RT: 15.01 min Scan# 2329

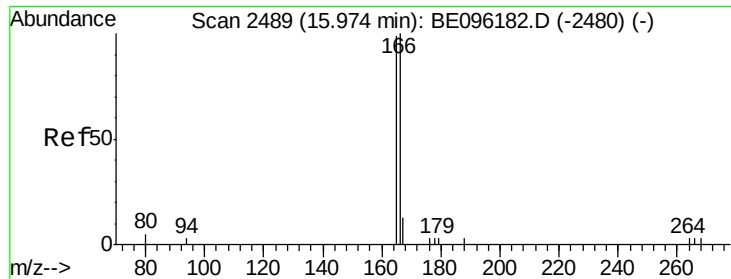
Delta R.T. -0.00 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Tgt Ion:	153	Resp:	638
Ion Ratio	Lower	Upper	
153	100		
152	56.2	36.0	54.0#
154	83.0	72.0	108.0





#9

Fluorene

Concen: 0.145 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Instrument :

BNA_E

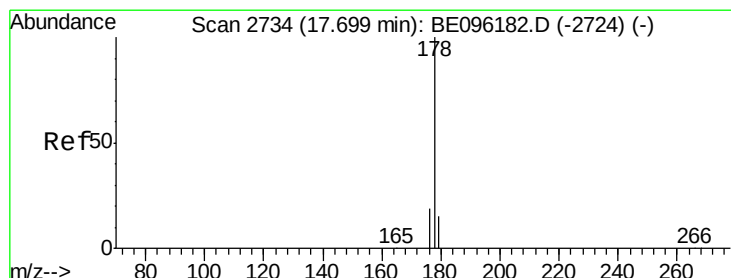
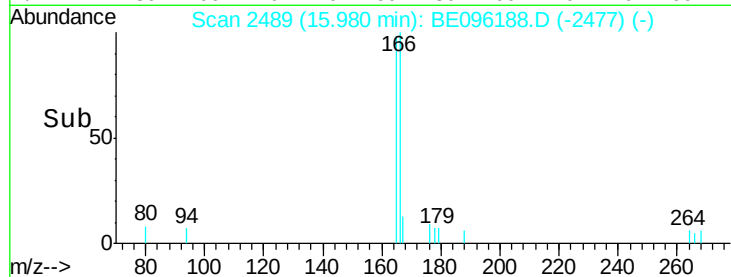
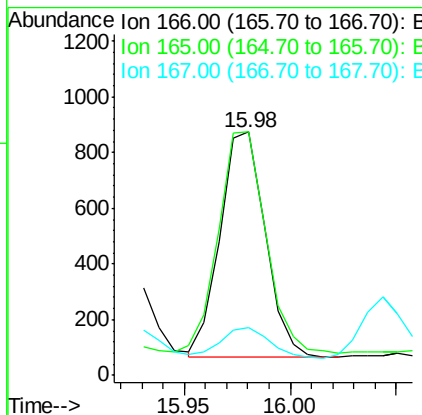
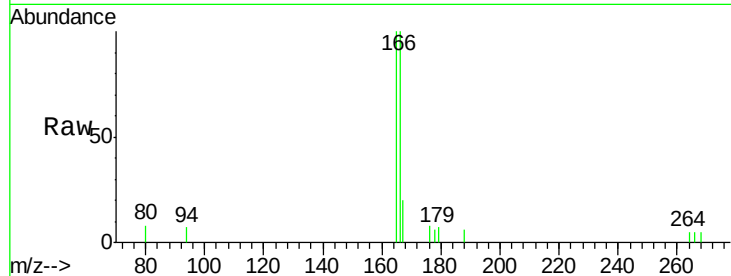
ClientSampleId :

C0AD6

Tot Ion:	166	Resp:	1204
Ion	Ratio	Lower	Upper
166	100		
165	100.1	73.4	110.2
167	19.6	14.6	22.0

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#12

Phenanthrene

Concen: 2.095 ng/ul m

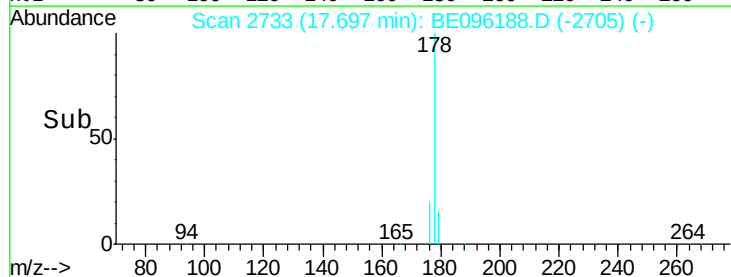
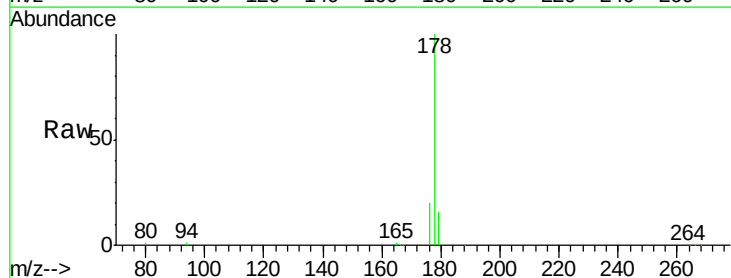
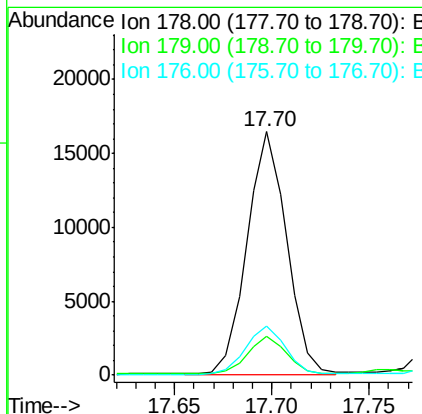
RT: 17.70 min Scan# 2733

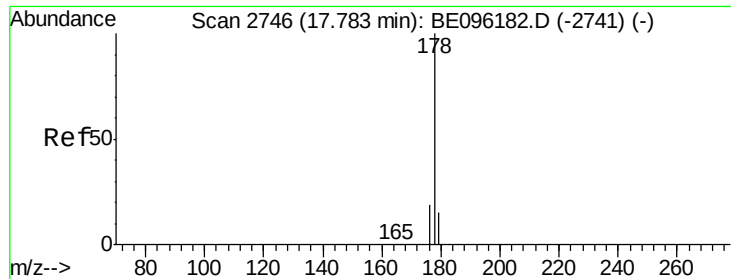
Delta R.T. -0.00 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Tgt Ion:	178	Resp:	23254
Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.9	13.6	20.4





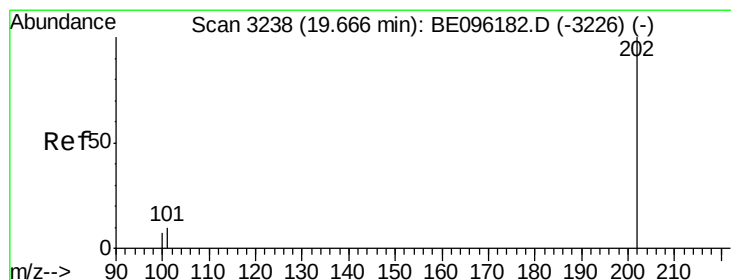
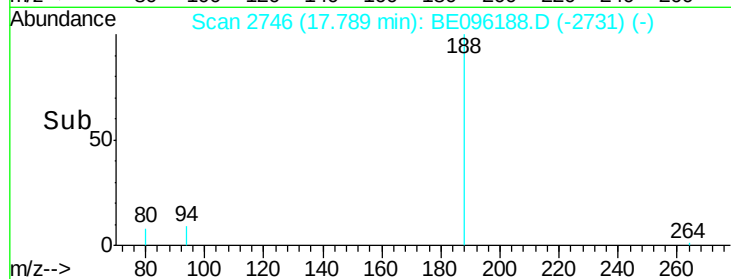
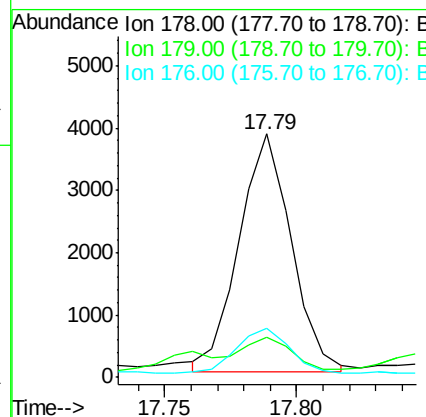
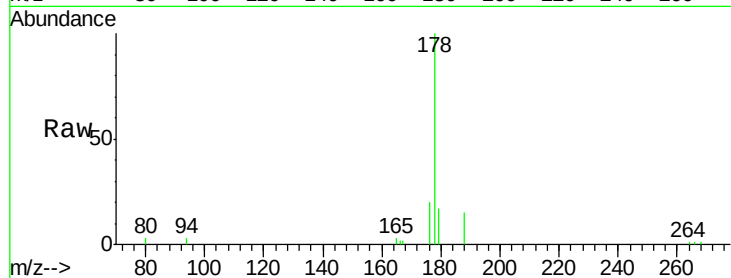
#13
 Anthracene
 Concen: 0.476 ng/ul m
 RT: 17.79 min Scan# 2746
 Delta R.T. 0.01 min
 Lab File: BE096188.D
 Acq: 26 Apr 2018 20:32

Instrument :
 BNA_E
 ClientSampled :
 C0AD6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.1	27.1#
176	20.0	14.7	22.1

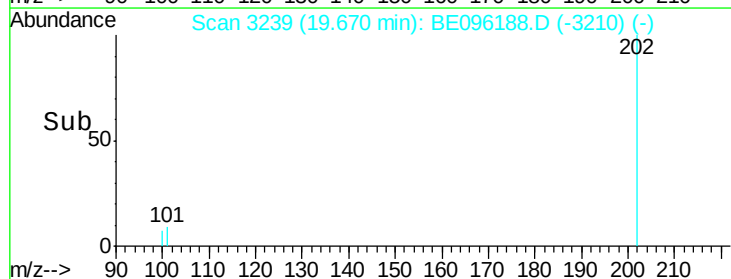
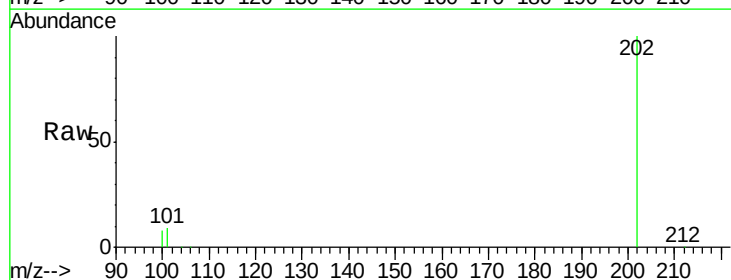
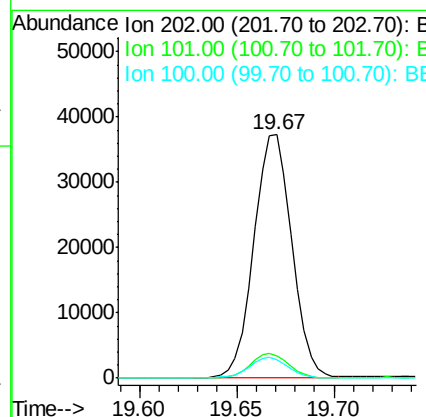
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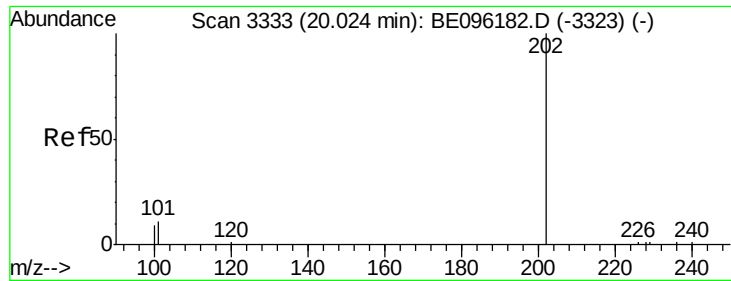
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#15
 Fluoranthene
 Concen: 2.961 ng/ul m
 RT: 19.67 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BE096188.D
 Acq: 26 Apr 2018 20:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.3
100	7.7	0.0	39.5





#17

Pvrene

Concen: 3.040 ng/ul

RT: 20.02 min Scan# 3332

Delta R.T. -0.00 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Instrument :

BNA_E

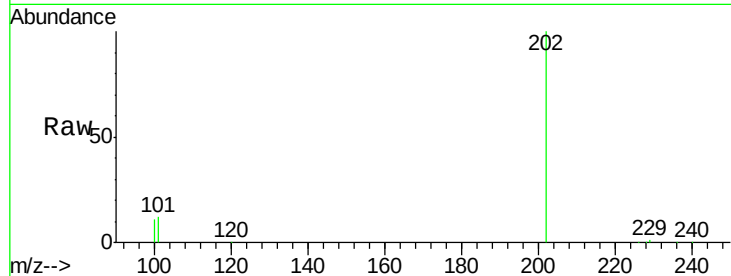
ClientSampleId :

C0AD6

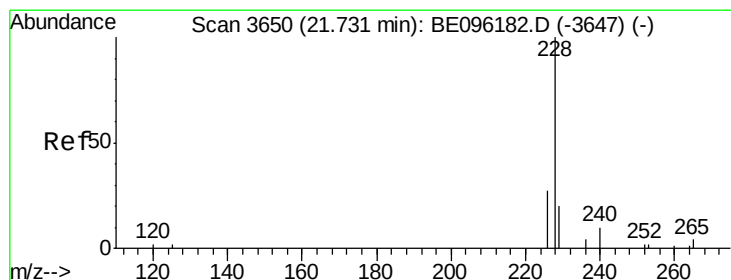
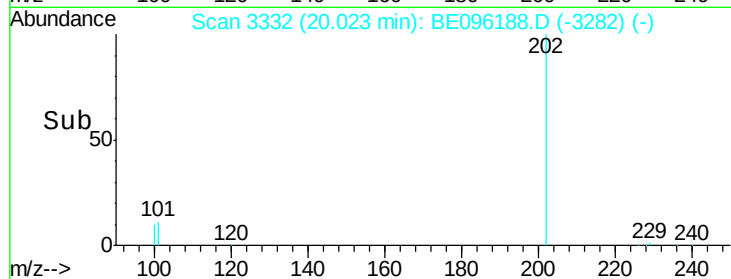
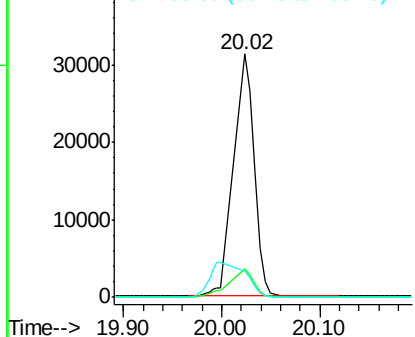
Tot Ion:	202	Resp:	28532
Ion Ratio	Lower	Upper	
202	100		
101	11.6	18.2	27.4#
100	10.5	15.6	23.4#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 1.363 ng/ul m

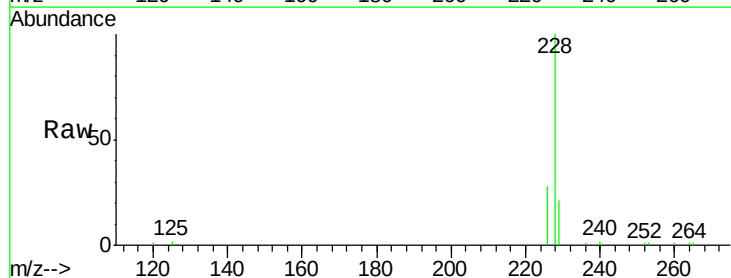
RT: 21.73 min Scan# 3649

Delta R.T. 0.00 min

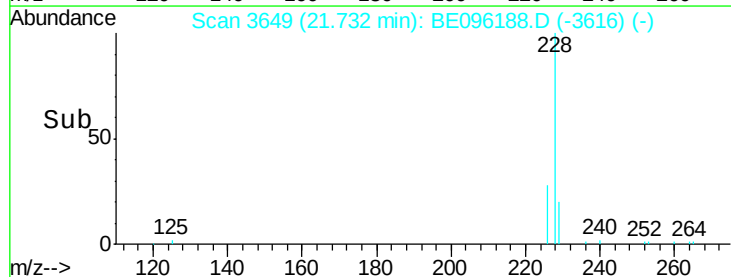
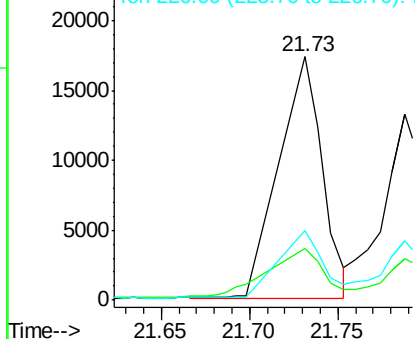
Lab File: BE096188.D

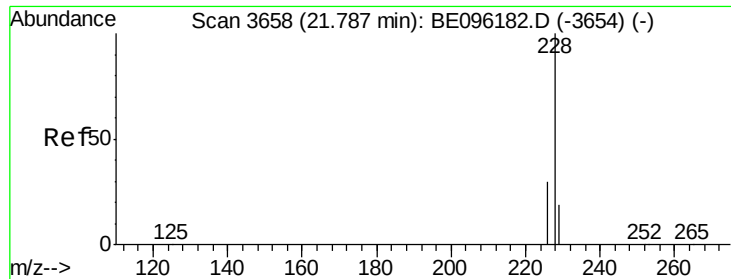
Acq: 26 Apr 2018 20:32

Tgt Ion:	228	Resp:	19301
Ion Ratio	Lower	Upper	
228	100		
229	21.0	22.8	34.2#
226	28.4	17.0	25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.601 ng/ul m

RT: 21.79 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Instrument :

BNA_E

ClientSampled :

C0AD6

Tot Ion:228 Resp: 20834

Ion Ratio Lower Upper

228 100

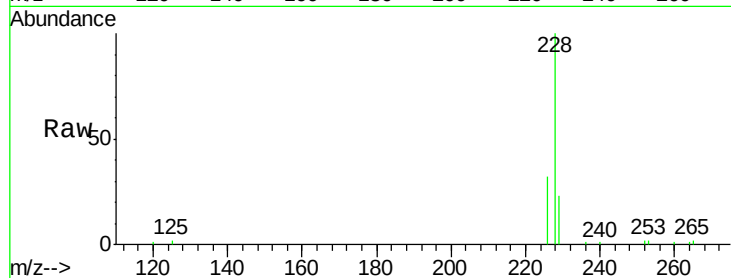
226 32.2 23.4 35.0

229 22.6 17.7 26.5

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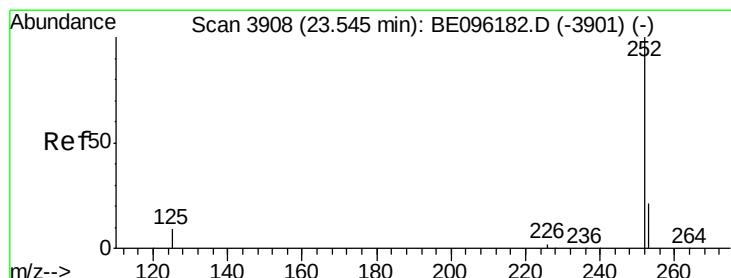
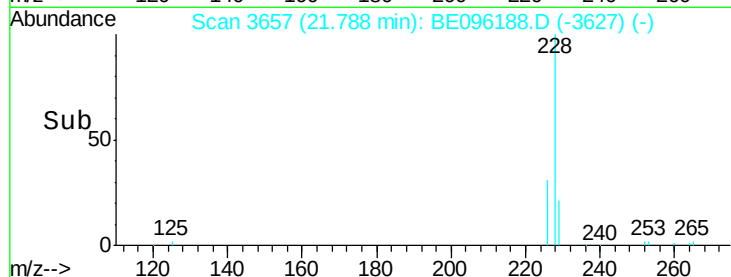
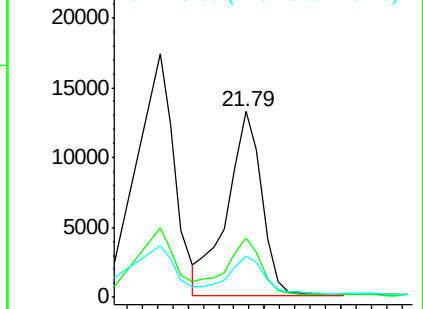
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 2.254 ng/ul m

RT: 23.55 min Scan# 3908

Delta R.T. 0.01 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

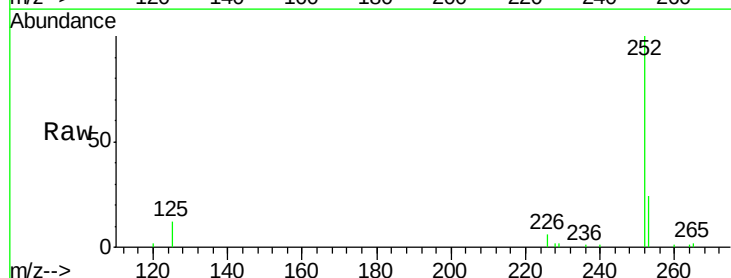
Tgt Ion:252 Resp: 29351

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

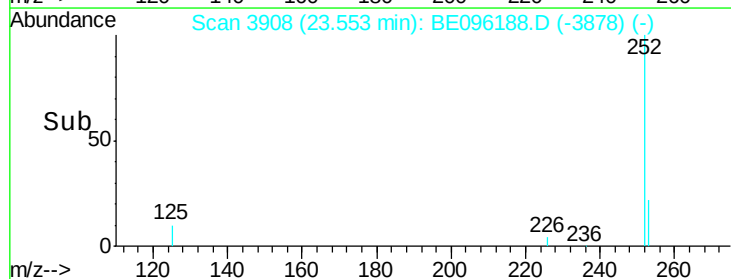
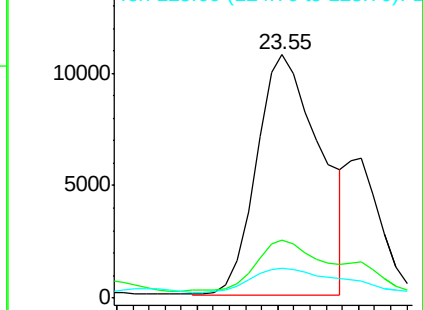
125 12.4 0.0 35.0

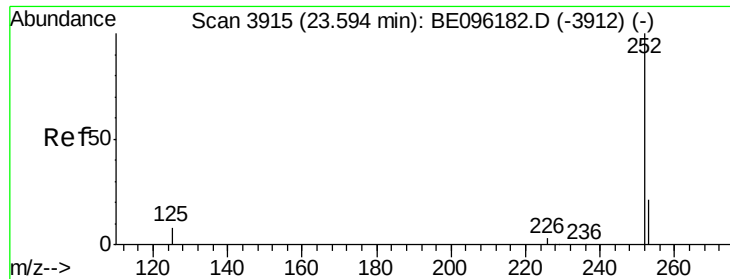


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





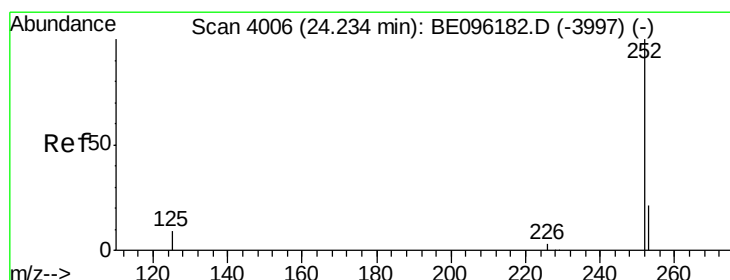
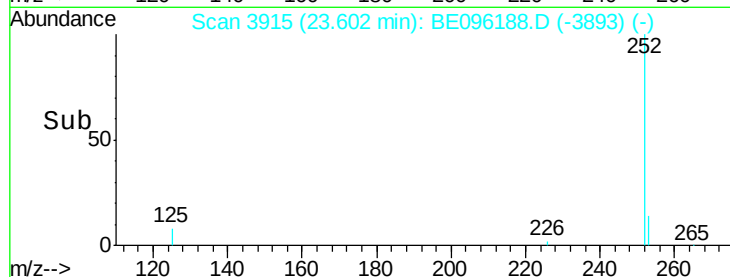
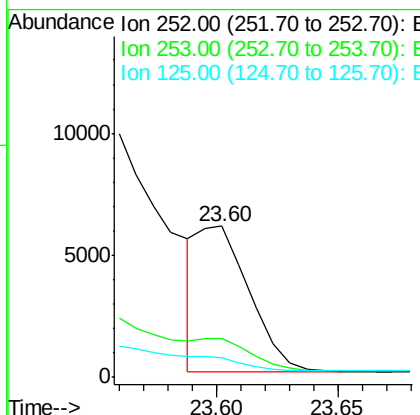
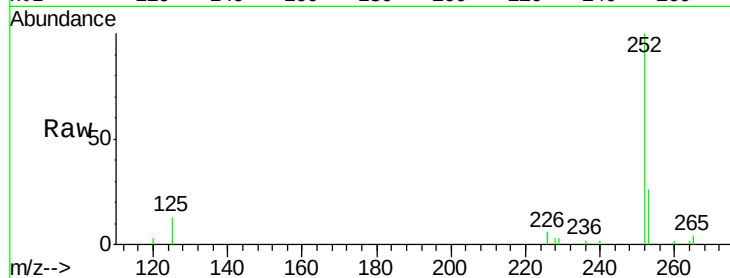
#22
Benzo(k)fluoranthene
Concen: 0.697 ng/ul m
RT: 23.60 min Scan# 3915
Delta R.T. 0.01 min
Lab File: BE096188.D
Acq: 26 Apr 2018 20:32

Instrument :
BNA_E
ClientSampled :
C0AD6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	24.5	36.7
125	12.7	13.7	20.5#

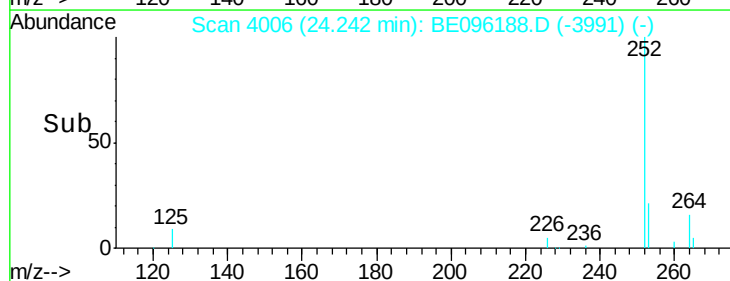
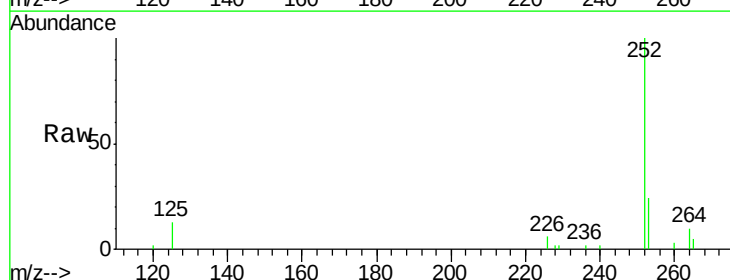
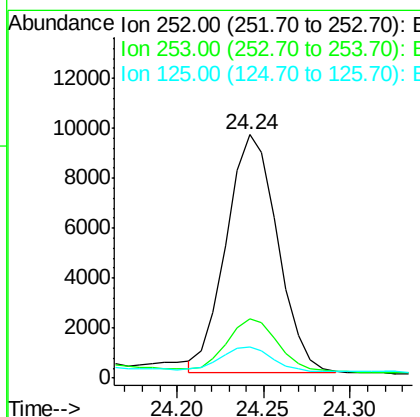
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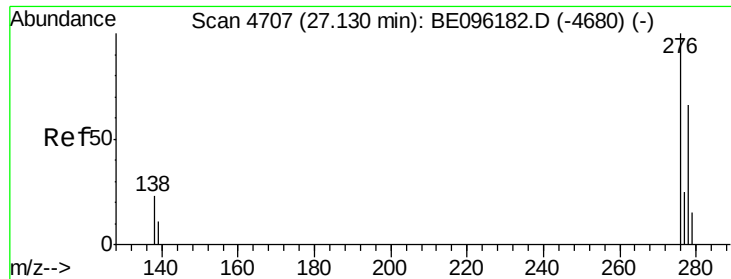
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#23
Benzo(a)pyrene
Concen: 1.742 ng/ul m
RT: 24.24 min Scan# 4006
Delta R.T. 0.01 min
Lab File: BE096188.D
Acq: 26 Apr 2018 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	28.5	42.7#
125	13.0	18.1	27.1#





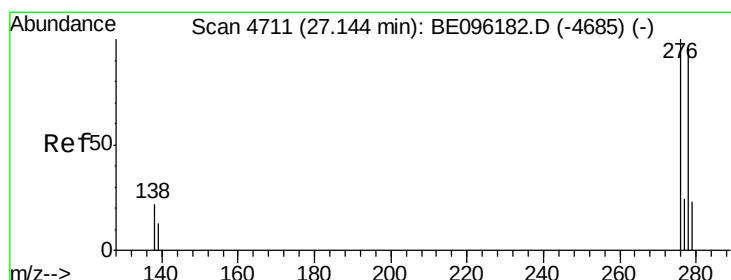
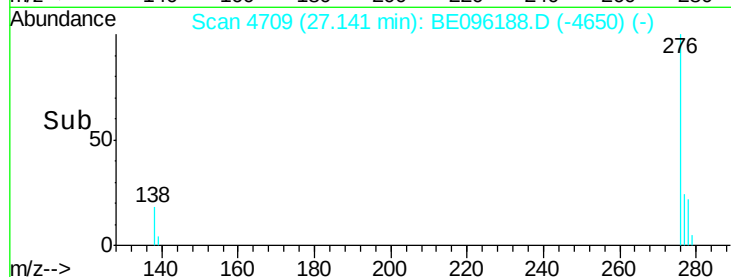
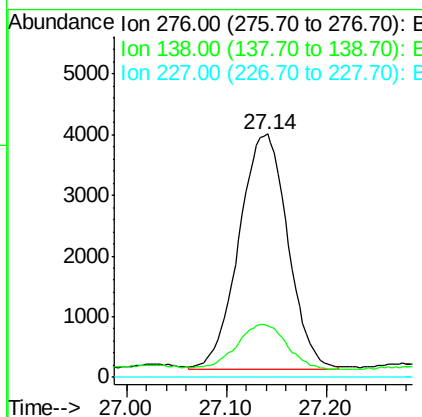
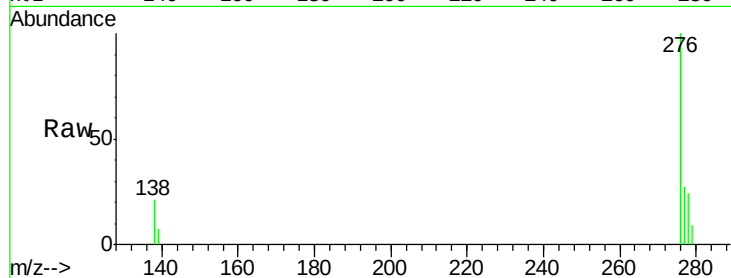
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.862 ng/ul m
 RT: 27.14 min Scan# 4709
 Delta R.T. 0.01 min
 Lab File: BE096188.D
 Acq: 26 Apr 2018 20:32

Instrument :
 BNA_E
 ClientSampled :
 C0AD6

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	28.0	42.0#
227	0.0	8.0	12.0#

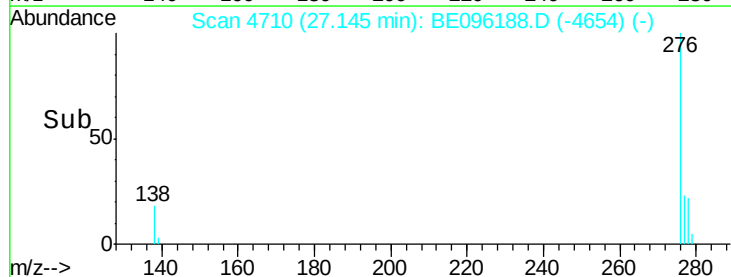
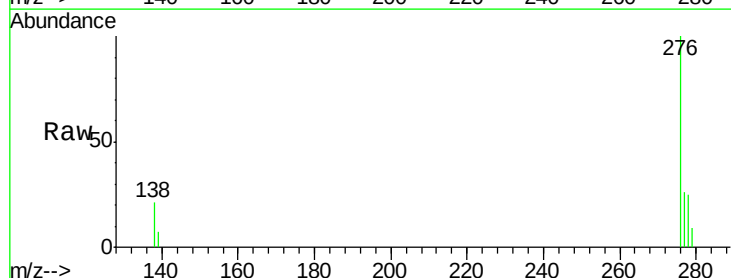
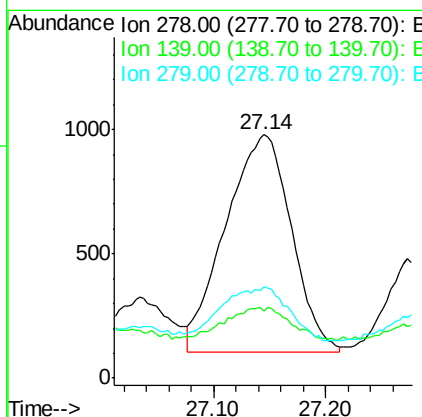
Manual Integrations
 APPROVED

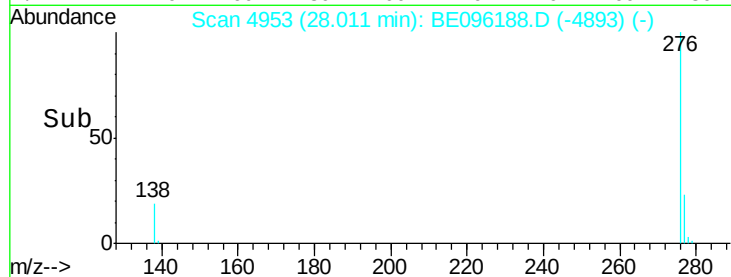
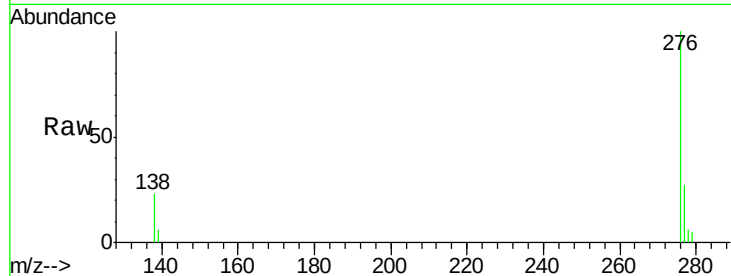
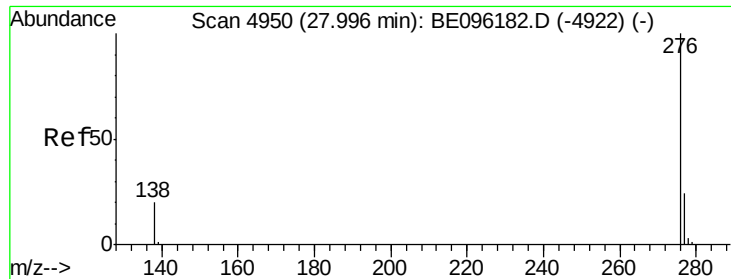
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.278 ng/ul m
 RT: 27.14 min Scan# 4710
 Delta R.T. 0.00 min
 Lab File: BE096188.D
 Acq: 26 Apr 2018 20:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.8	17.4	26.0#
279	37.4	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 0.819 ng/ul m

RT: 28.01 min Scan# 4953

Delta R.T. 0.01 min

Lab File: BE096188.D

Acq: 26 Apr 2018 20:32

Instrument :

BNA_E

ClientSampleId :

C0AD6

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.8	32.8
277	26.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:28 PM

