

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096149.D
 Acq On : 25 Apr 2018 15:49
 Operator : SJ/JU
 Sample : J2431-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN6

Manual Integrations
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Quant Time: Apr 26 04:59:48 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 04:18:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	769	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3151	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2177	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5616m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	6882m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5157m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2071	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7768m	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.23	128	40180	4.580	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	70907	12.062	ng/ul	100
7) Acenaphthylene	14.67	152	20451	1.822	ng/ul#	93
8) Acenaphthene	15.01	153	578436	71.486	ng/ul	94
9) Fluorene	15.98	166	834804	77.972	ng/ul#	88
11) Pentachlorophenol	17.32	266	362m	0.268	ng/ul	
12) Phenanthrene	17.71	178	1088577m	65.836	ng/ul	
13) Anthracene	17.79	178	94929m	5.723	ng/ul	
15) Fluoranthene	19.67	202	427441m	16.912	ng/ul	
17) Pyrene	20.02	202	187849	13.606	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	15851m	0.761	ng/ul	
19) Chrysene	21.79	228	9711m	0.507	ng/ul	
21) Benzo(b)fluoranthene	23.54	252	8022m	0.411	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	2100m	0.112	ng/ul	
23) Benzo(a)pyrene	24.24	252	4108m	0.242	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.13	276	2091m	0.091	ng/ul	
25) Dibenzo(a,h)anthracene	27.14	278	568m	0.030	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	1696m	0.085	ng/ul	

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

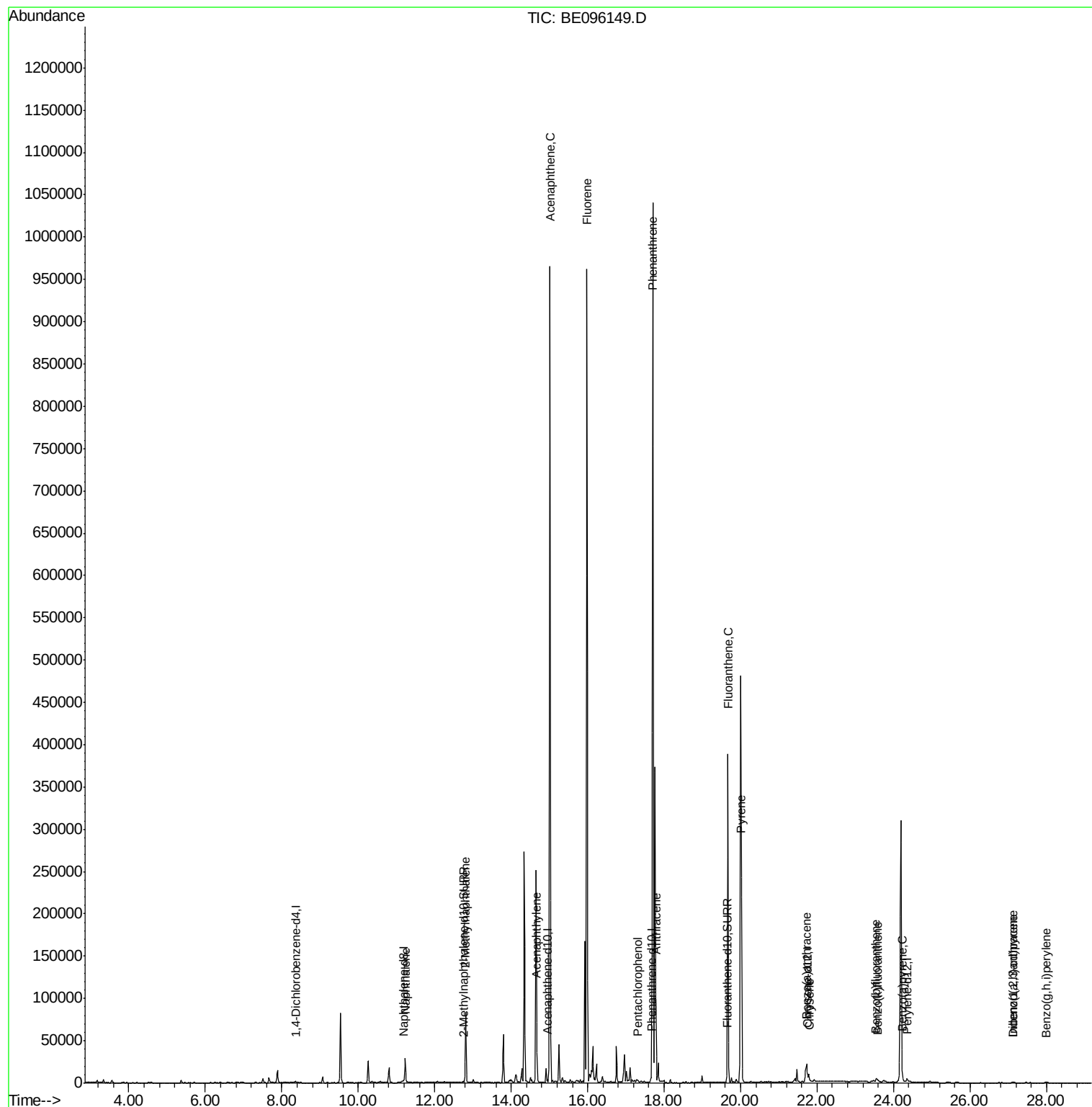
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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ALS Vial : 10 Sample Multiplier: 1

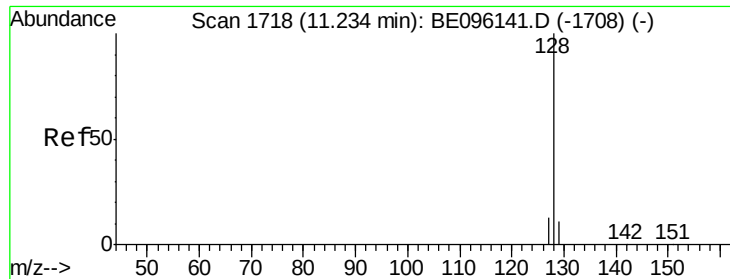
Instrument :
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#3

Naphthalene

Concen: 4.580 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

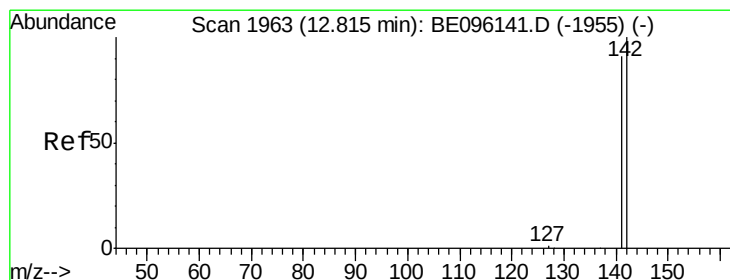
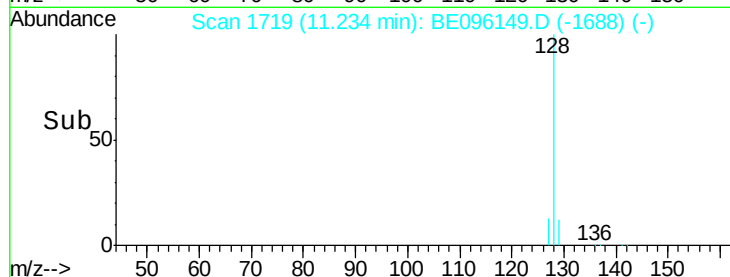
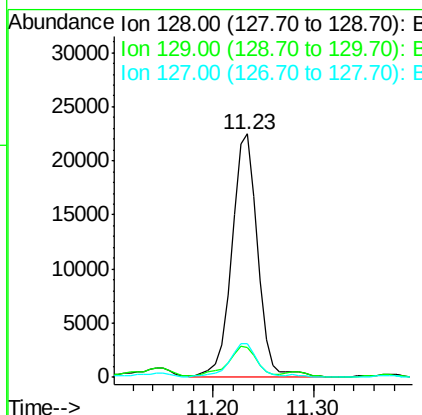
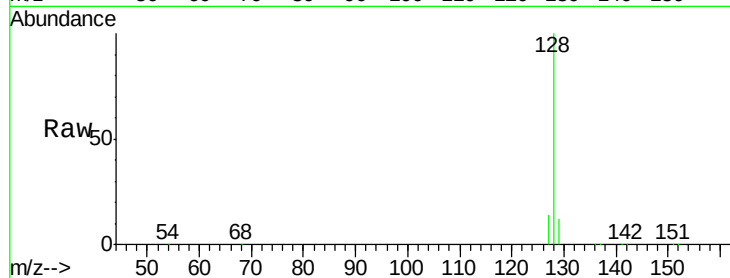
ClientSampleId :

DASN6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.3	16.9
127	13.8	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 12.062 ng/ul

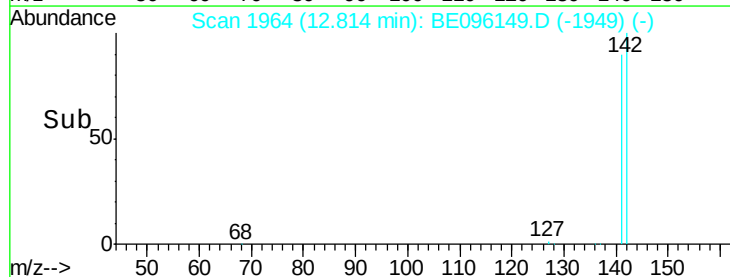
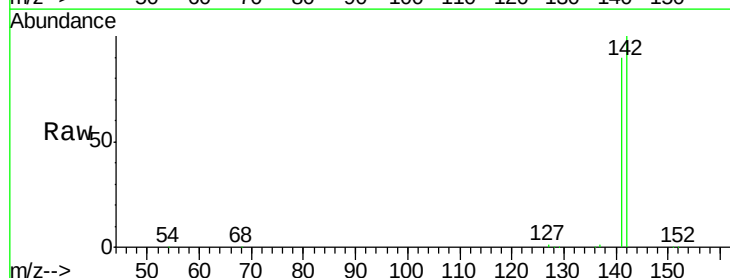
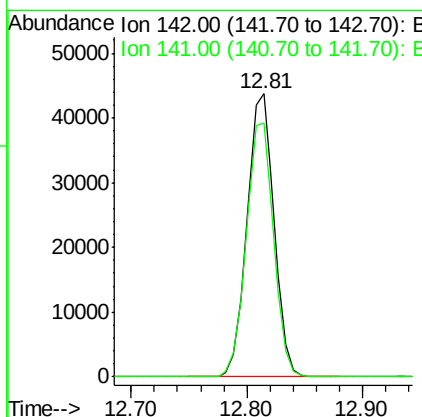
RT: 12.81 min Scan# 1964

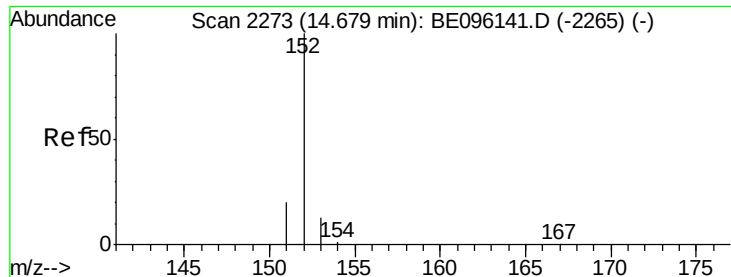
Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8





#7

Acenaphthylene

Concen: 1.822 ng/ul

RT: 14.67 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

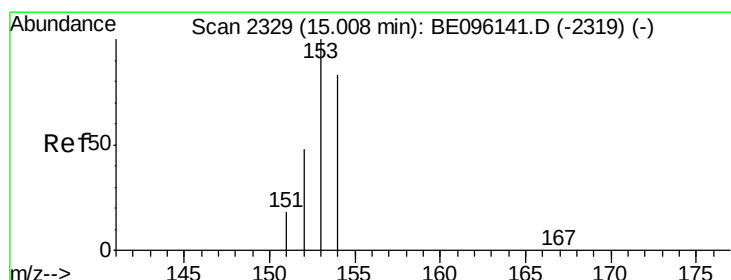
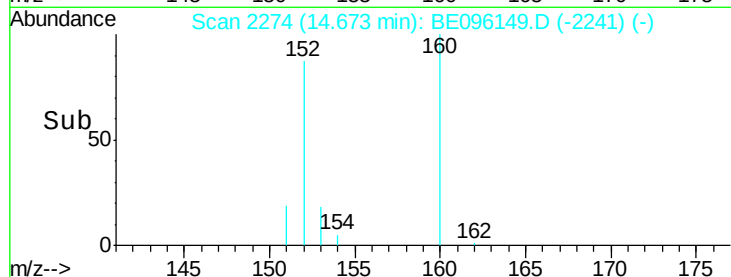
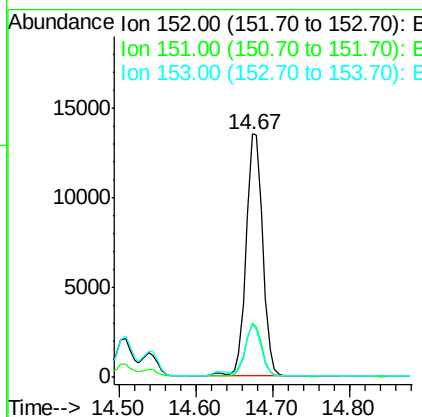
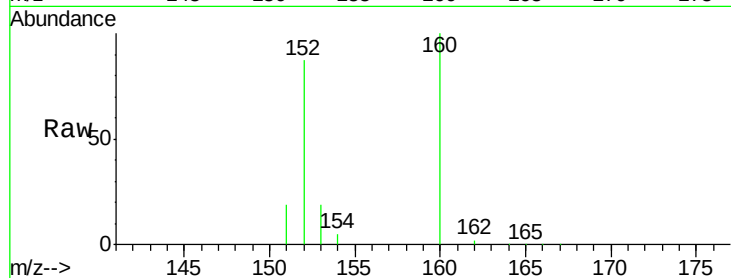
ClientSampleId :

DASN6

Tgt Ion:	152	Resp:	20451
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.1	25.7
153	21.7	12.8	19.2

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#8

Acenaphthene

Concen: 71.486 ng/ul

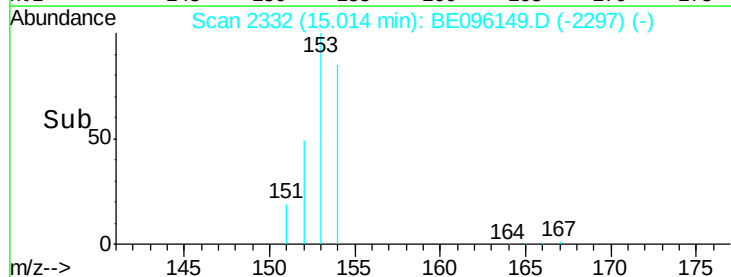
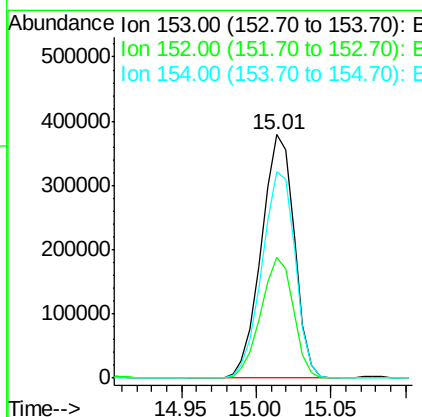
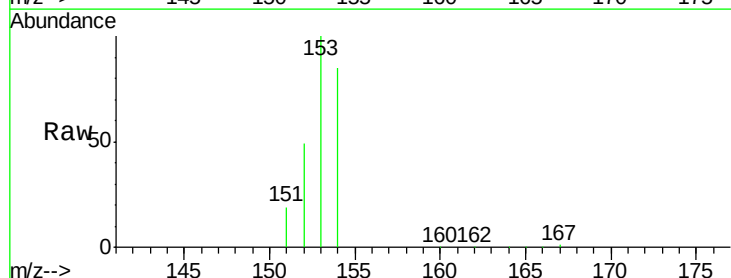
RT: 15.01 min Scan# 2332

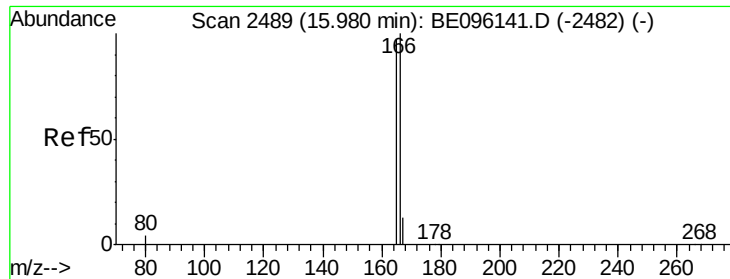
Delta R.T. 0.01 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Tgt Ion:	153	Resp:	578436
Ion Ratio	Lower	Upper	
153	100		
152	49.4	36.0	54.0
154	85.0	72.0	108.0





#9

Fluorene

Concen: 77.972 ng/ul

RT: 15.98 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

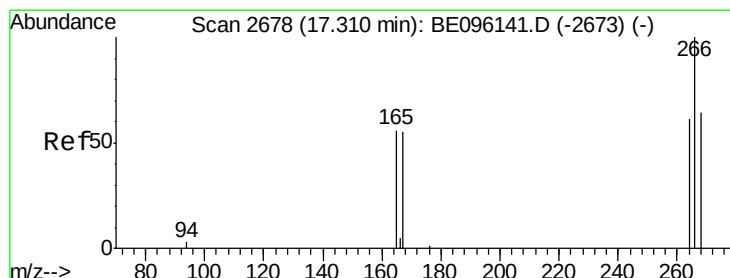
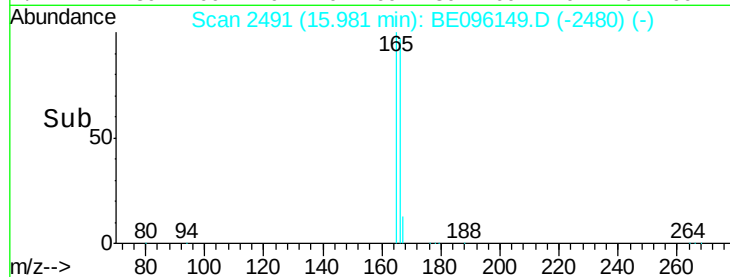
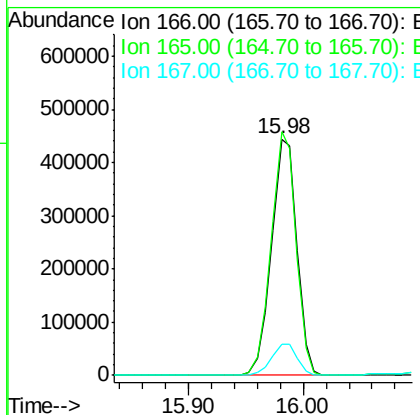
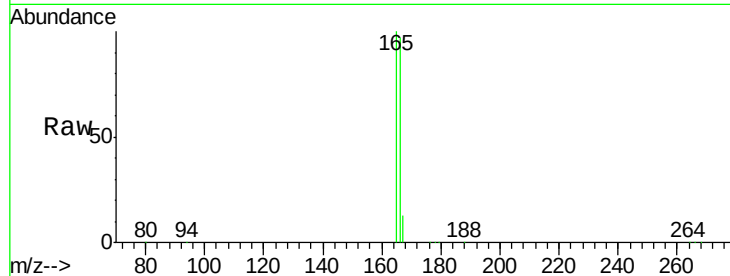
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.0	73.4	110.2
167	13.3	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.268 ng/ul m

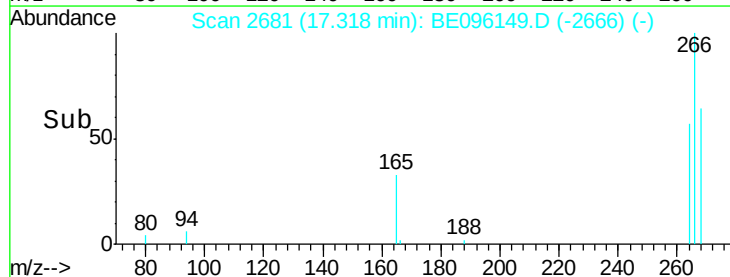
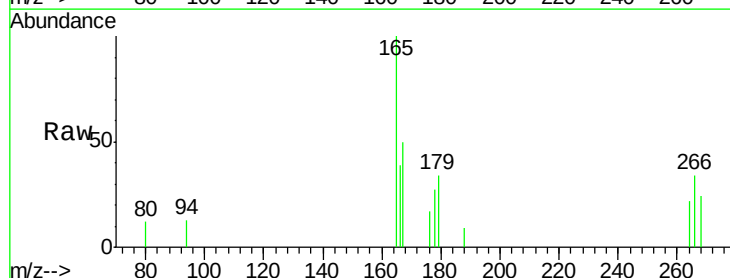
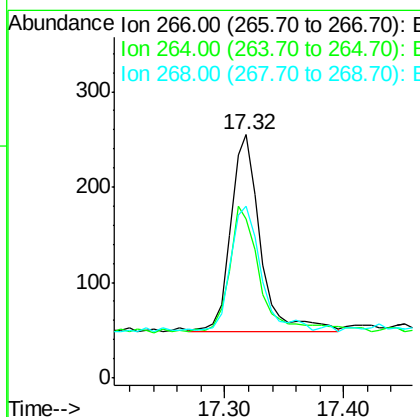
RT: 17.32 min Scan# 2681

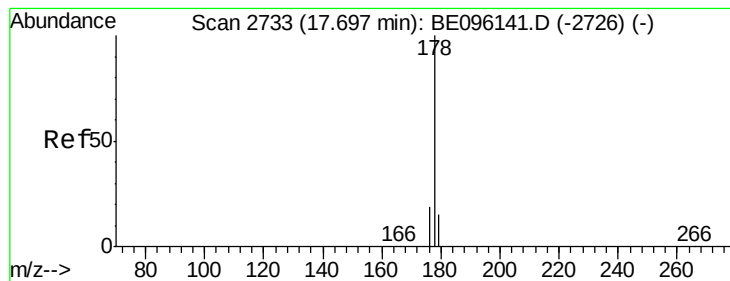
Delta R.T. 0.01 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9
268	0.0	49.8	74.8





#12

Phenanthrene

Concen: 65.836 ng/ul m

RT: 17.71 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampled :

DASN6

Tgt Ion:178 Resp: 1088577

Ion Ratio Lower Upper

178 100

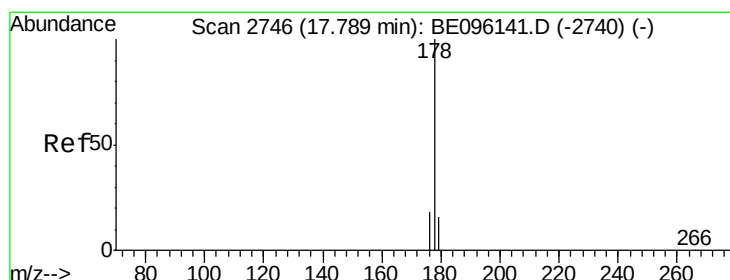
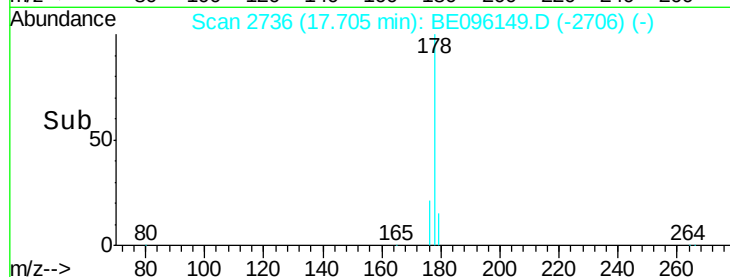
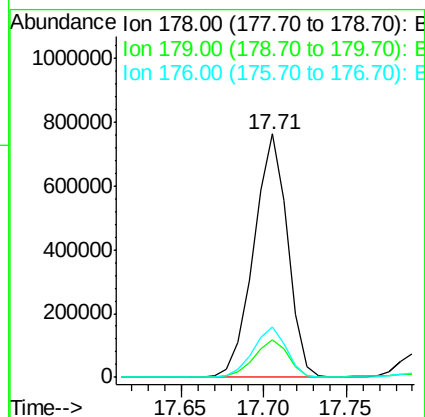
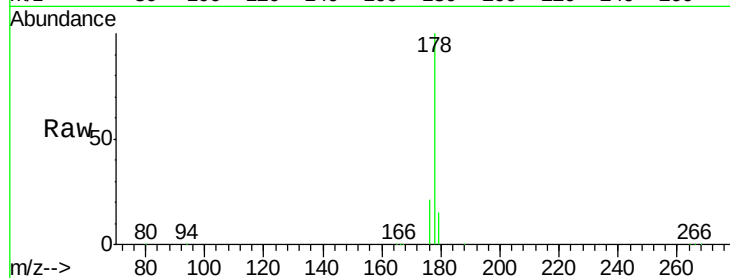
179 15.5 18.4 27.6#

176 20.6 13.6 20.4#

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#13

Anthracene

Concen: 5.723 ng/ul m

RT: 17.79 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

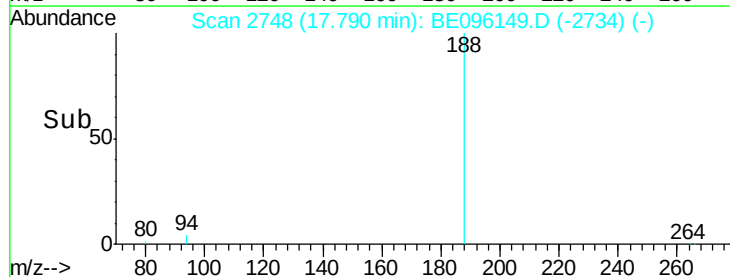
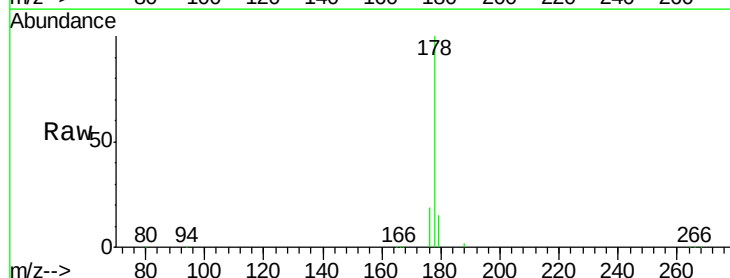
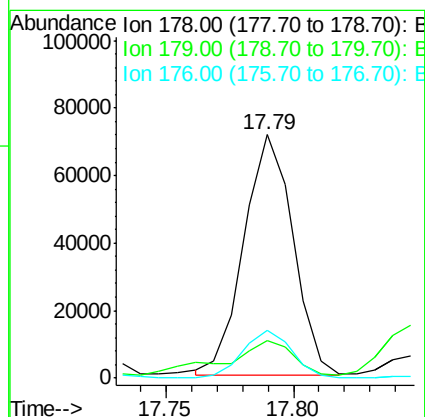
Tgt Ion:178 Resp: 94929

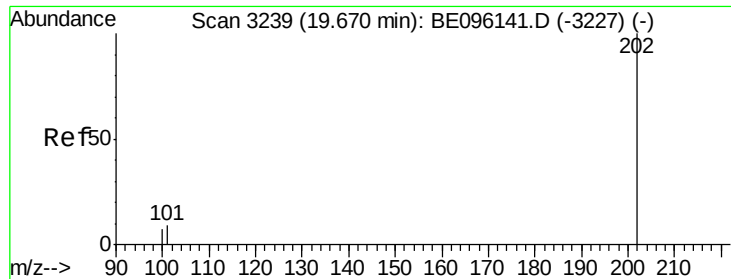
Ion Ratio Lower Upper

178 100

179 15.4 18.1 27.1#

176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 16.912 ng/ul m

RT: 19.67 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

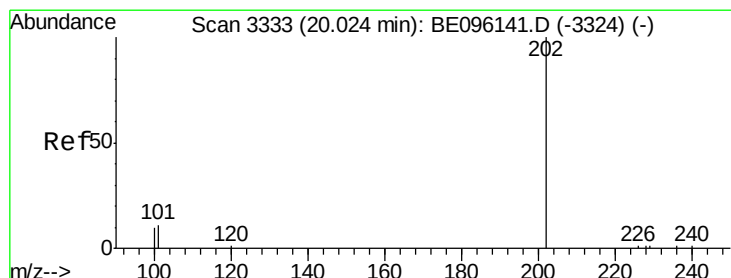
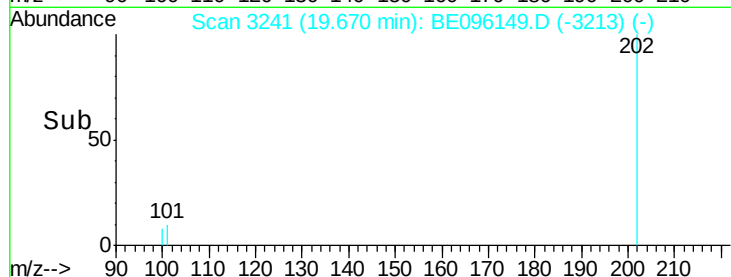
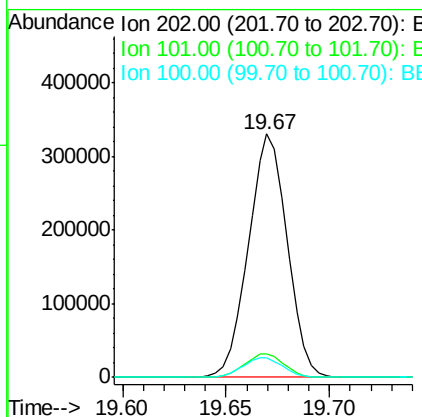
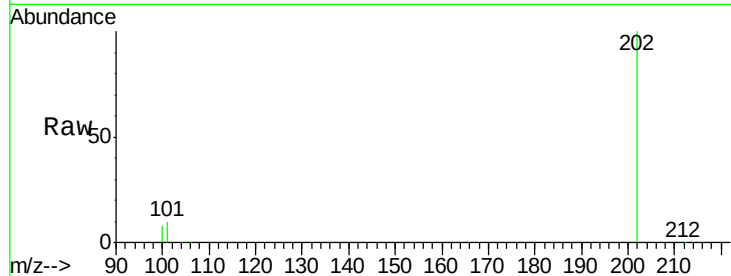
ClientSampleId :

DASN6

Tgt Ion:	202	Resp:	427441
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.3
100	8.0	0.0	39.5

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#17

Pyrene

Concen: 13.606 ng/ul

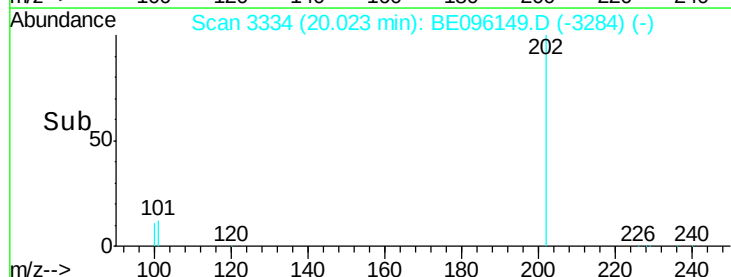
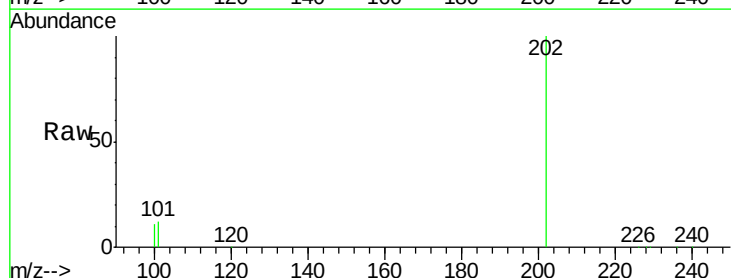
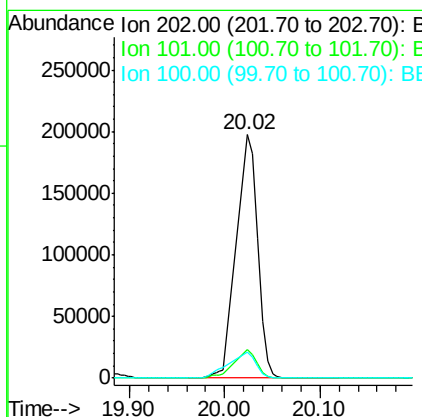
RT: 20.02 min Scan# 3334

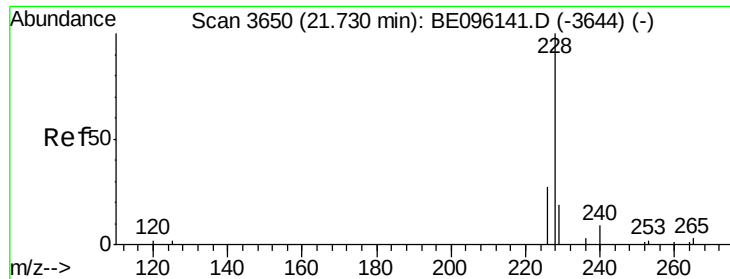
Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Tgt Ion:	202	Resp:	187849
Ion Ratio	Lower	Upper	
202	100		
101	11.6	18.2	27.4#
100	10.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.761 ng/ul m

RT: 21.73 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

DASN6

Tgt Ion:228 Resp: 15851

Ion Ratio Lower Upper

228 100

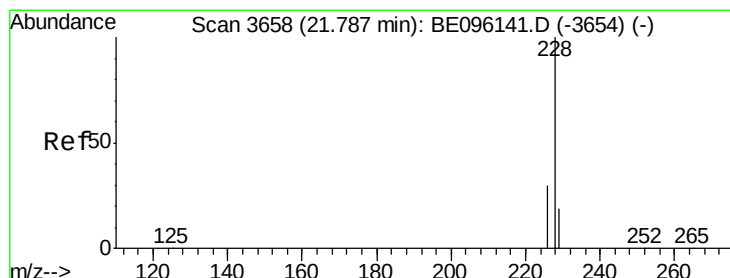
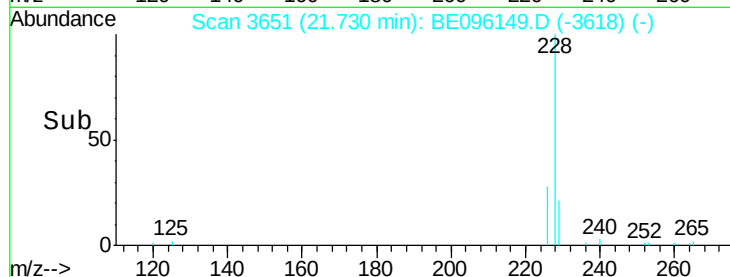
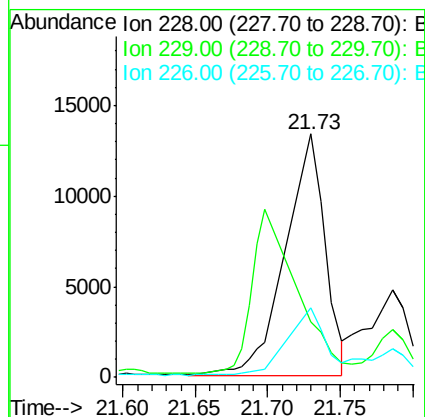
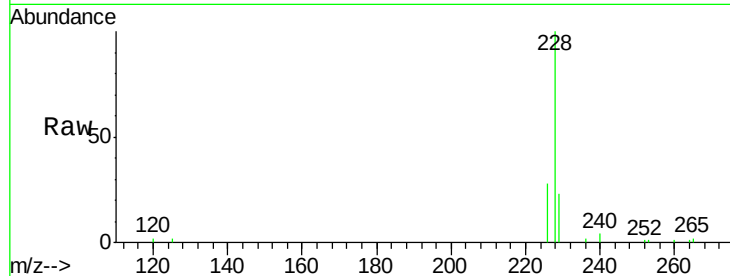
229 22.6 22.8 34.2#

226 28.4 17.0 25.6#

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#19

Chrysene

Concen: 0.507 ng/ul m

RT: 21.79 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

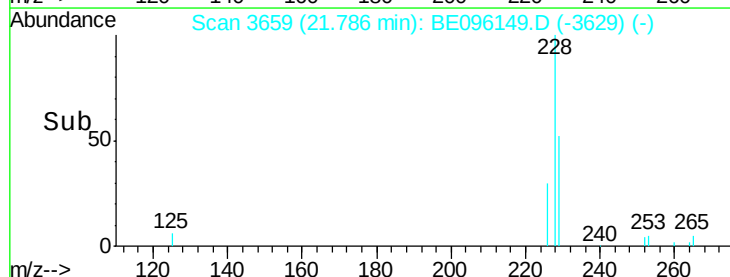
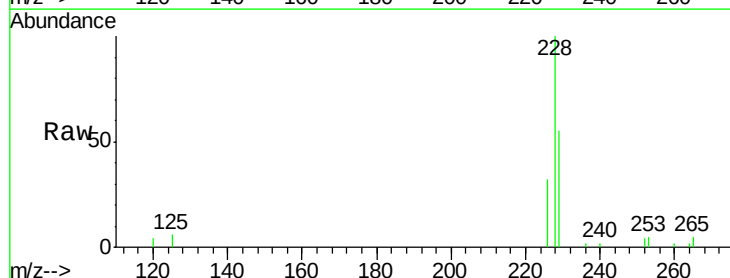
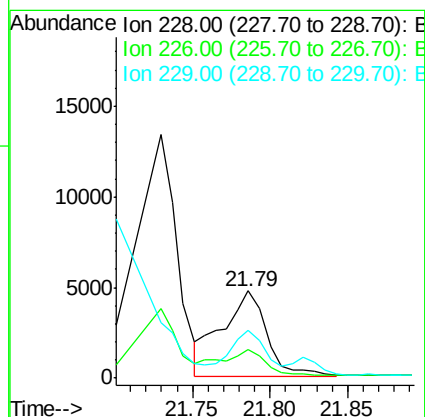
Tgt Ion:228 Resp: 9711

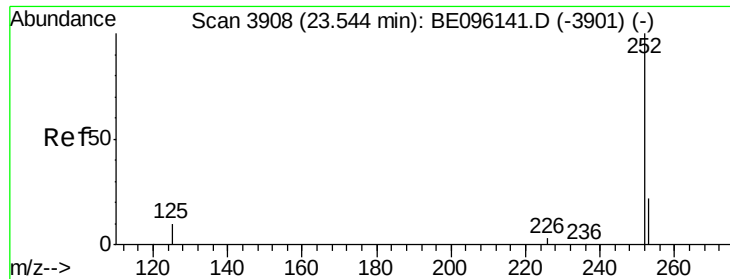
Ion Ratio Lower Upper

228 100

226 32.5 23.4 35.0

229 55.2 17.7 26.5#





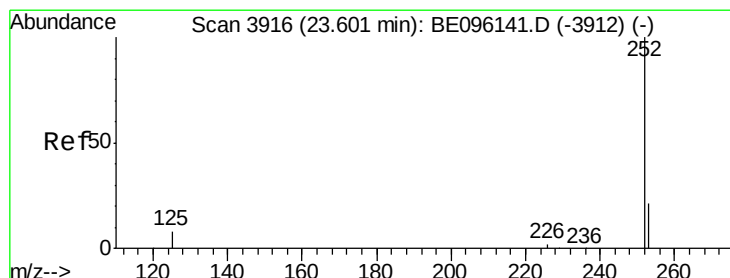
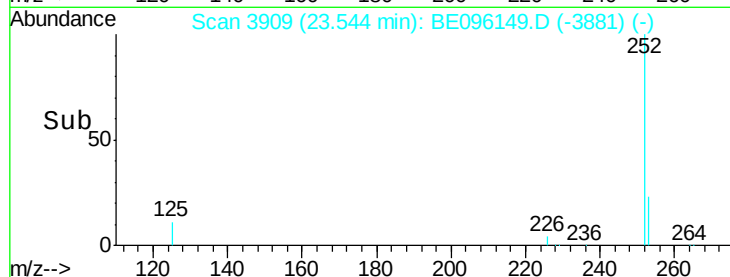
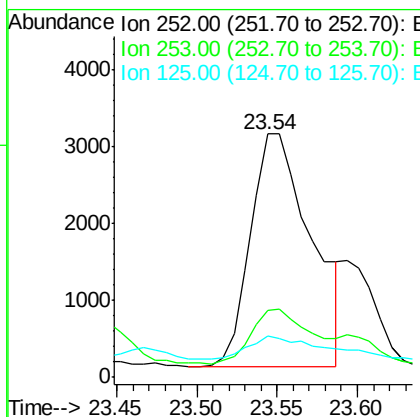
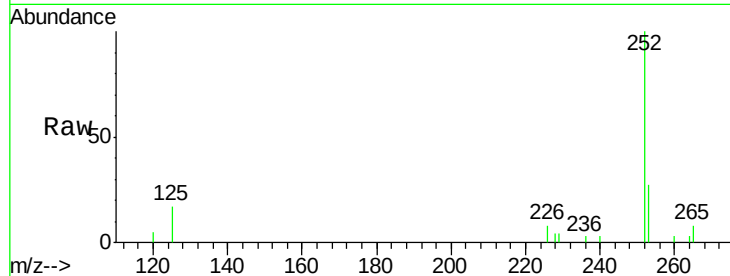
#21
Benzo(b)fluoranthene
Concen: 0.411 ng/ul m
RT: 23.54 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BE096149.D
Acq: 25 Apr 2018 15:49

Instrument :
BNA_E
ClientSampleId :
DASN6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.4	0.0	64.2
125	16.8	0.0	35.0

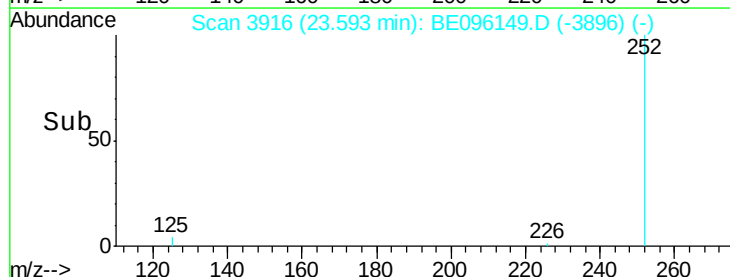
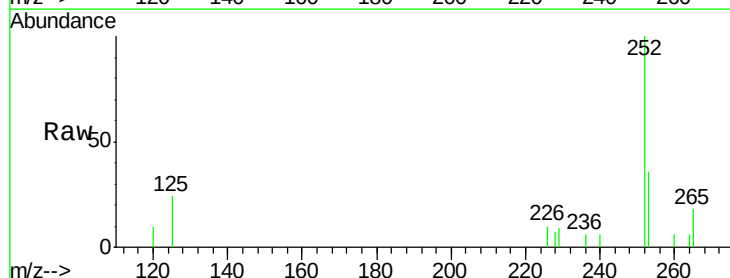
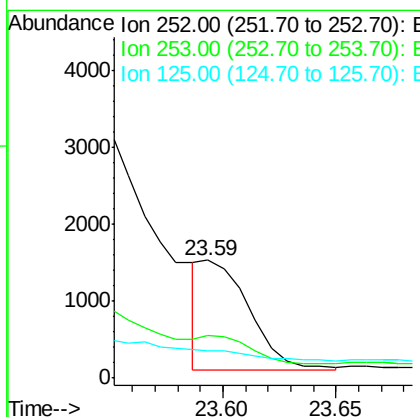
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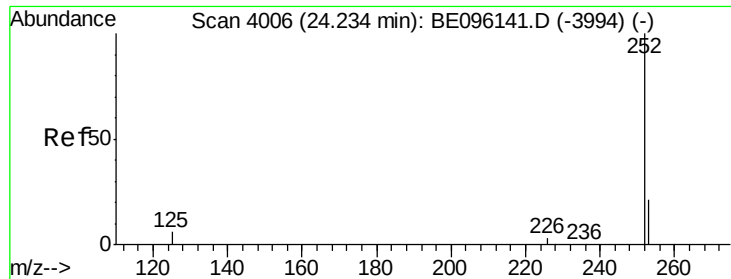
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#22
Benzo(k)fluoranthene
Concen: 0.112 ng/ul m
RT: 23.59 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BE096149.D
Acq: 25 Apr 2018 15:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	36.4	24.5	36.7
125	23.7	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.242 ng/ul m

RT: 24.24 min Scan# 4008

Delta R.T. 0.01 min

Lab File: BE096149.D

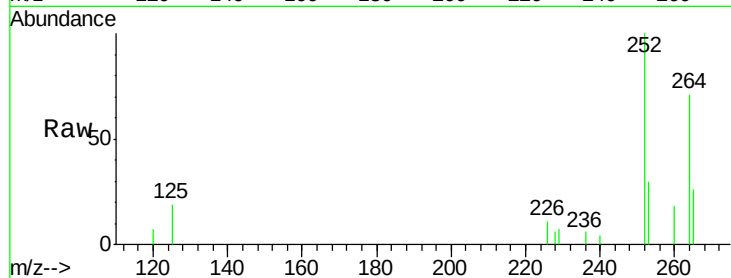
Acq: 25 Apr 2018 15:49

Instrument :

BNA_E

ClientSampled :

DASN6



Tgt Ion: 252 Resp: 4108

Ion Ratio Lower Upper

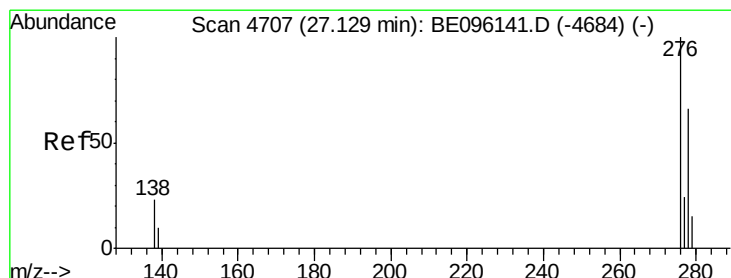
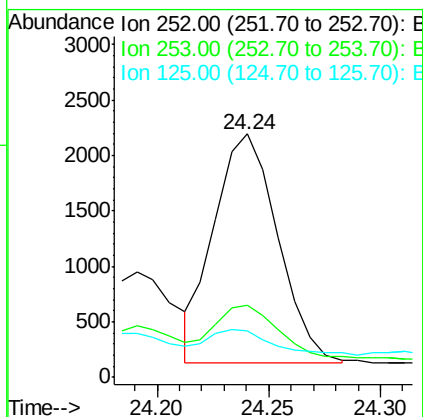
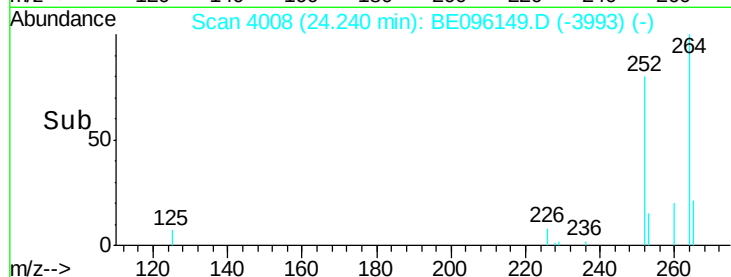
252 100

253 29.6 28.5 42.7

125 19.0 18.1 27.1

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:46 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.091 ng/ul m

RT: 27.13 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BE096149.D

Acq: 25 Apr 2018 15:49

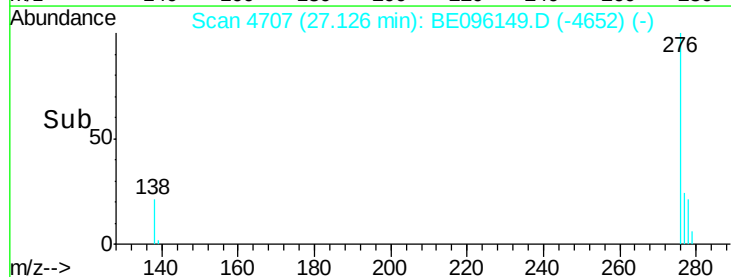
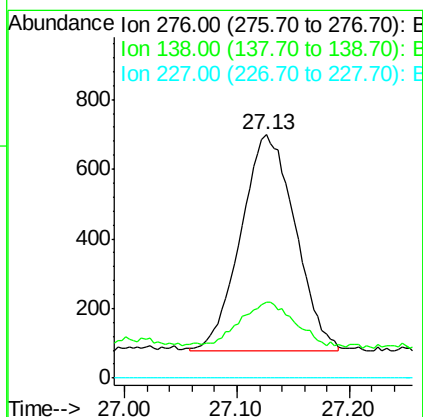
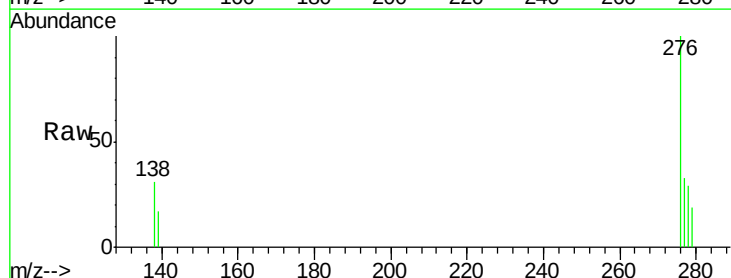
Tgt Ion: 276 Resp: 2091

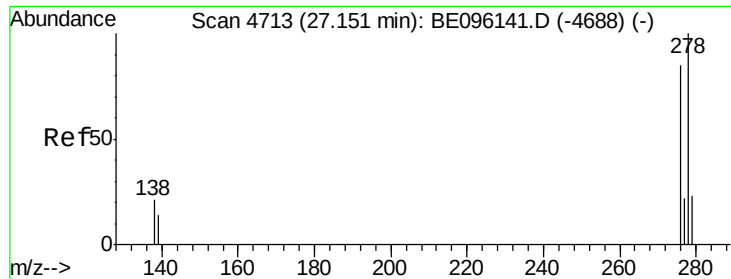
Ion Ratio Lower Upper

276 100

138 0.3 28.0 42.0#

227 0.0 8.0 12.0#





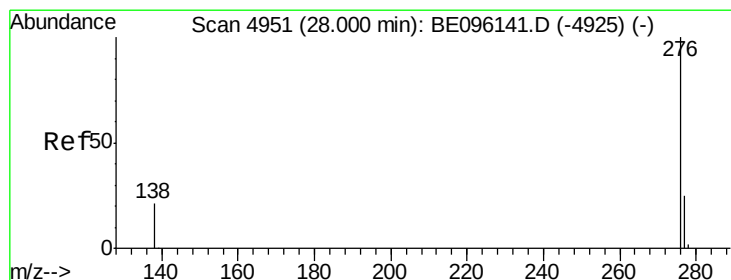
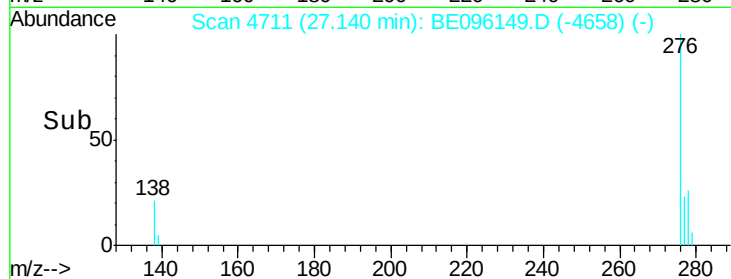
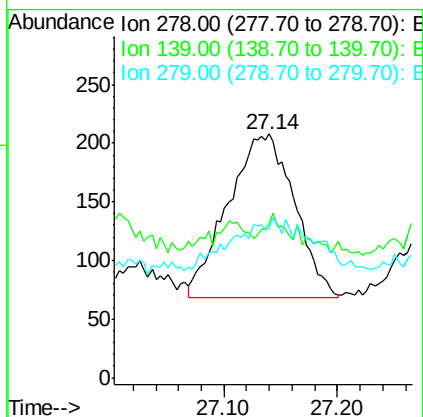
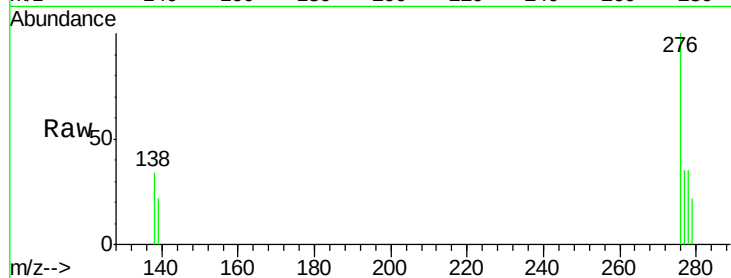
#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul m
RT: 27.14 min Scan# 4711
Delta R.T. -0.01 min
Lab File: BE096149.D
Acq: 25 Apr 2018 15:49

Instrument :
BNA_E
ClientSampled :
DASN6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	62.5	17.4	26.0#
279	61.1	25.9	38.9#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:46 PM



#26
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul m
RT: 28.00 min Scan# 4952
Delta R.T. 0.00 min
Lab File: BE096149.D
Acq: 25 Apr 2018 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.8	32.8#
277	35.4	20.5	30.7#

