

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096156.D
 Acq On : 25 Apr 2018 20:04
 Operator : SJ/JU
 Sample : J2431-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN8

Manual Integrations
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Quant Time: Apr 26 14:43:40 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 06:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	800	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3492	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2284	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5406m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7972m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5048m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	891	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3337m	0.13	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.23	128	77019	7.921	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	26283	4.035	ng/ul	100
7) Acenaphthylene	14.68	152	37262	3.165	ng/ul	98
8) Acenaphthene	15.01	153	571184	67.282	ng/ul	94
9) Fluorene	15.98	166	627175	55.835	ng/ul#	89
11) Pentachlorophenol	17.32	266	1711m	1.315	ng/ul	
12) Phenanthrene	17.72	178	3247930m	204.062	ng/ul	
13) Anthracene	17.80	178	545332m	34.151	ng/ul	
15) Fluoranthene	19.68	202	2758533m	113.385	ng/ul	
17) Pyrene	20.03	202	1744205	109.060	ng/ul#	77
18) Benzo(a)anthracene	21.74	228	611255m	25.326	ng/ul	
19) Chrysene	21.79	228	525711	23.704	ng/ul	97
21) Benzo(b)fluoranthene	23.56	252	475976m	24.902	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	166595m	9.117	ng/ul	
23) Benzo(a)pyrene	24.25	252	316866m	19.082	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.14	276	133952m	5.987	ng/ul	
25) Dibenzo(a,h)anthracene	27.14	278	38326m	2.046	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	97296m	4.996	ng/ul	

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

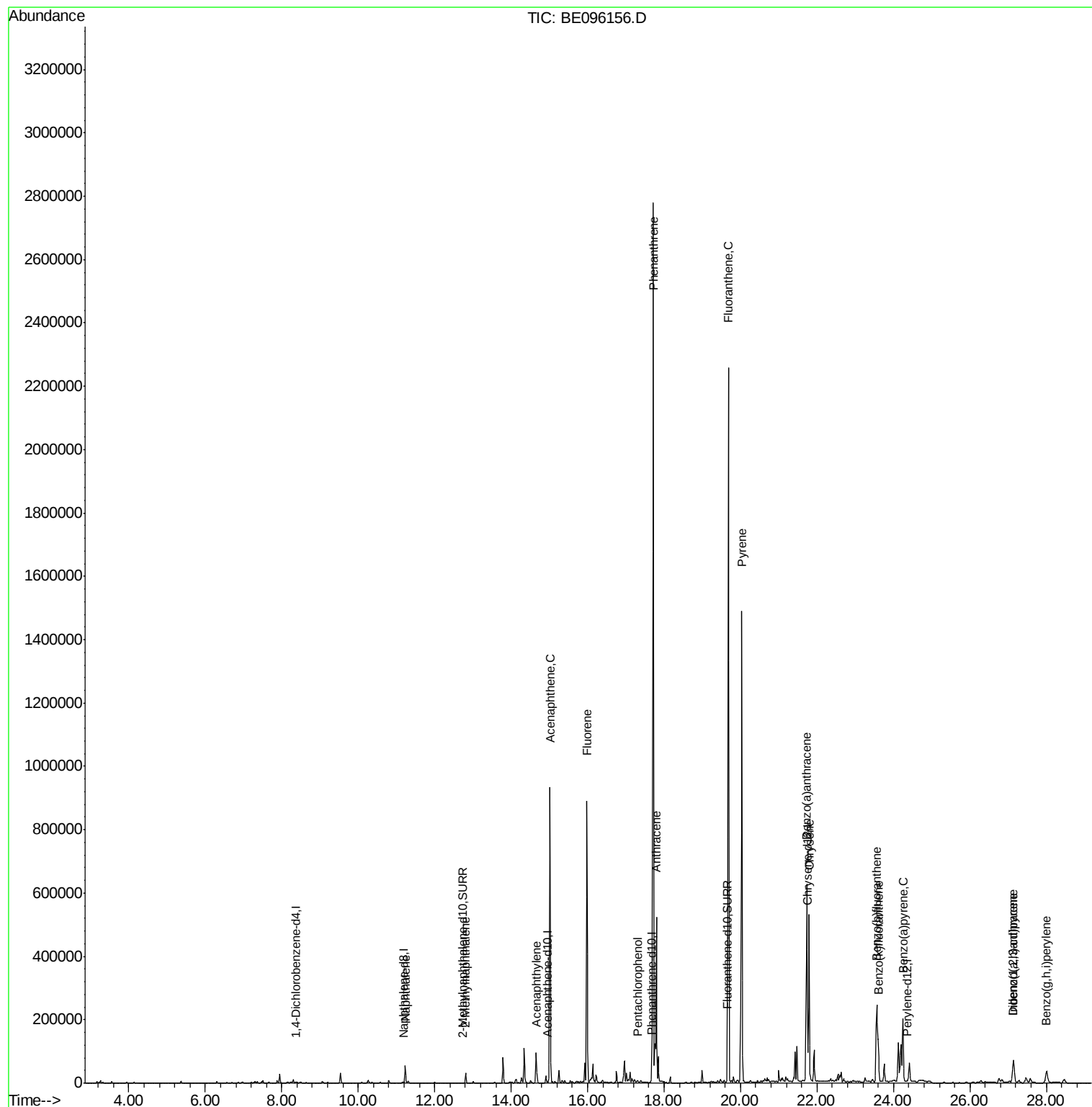
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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ALS Vial : 16 Sample Multiplier: 1

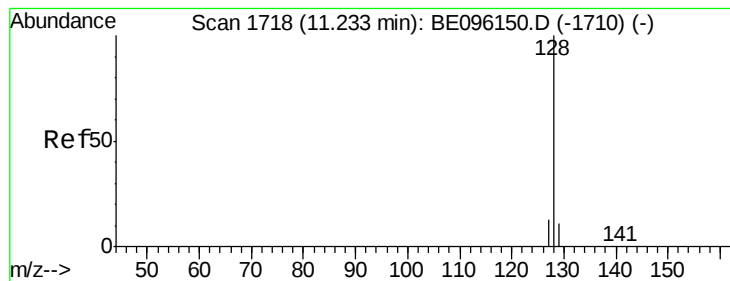
Instrument :
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#3

Naphthalene

Concen: 7.921 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Instrument :

BNA_E

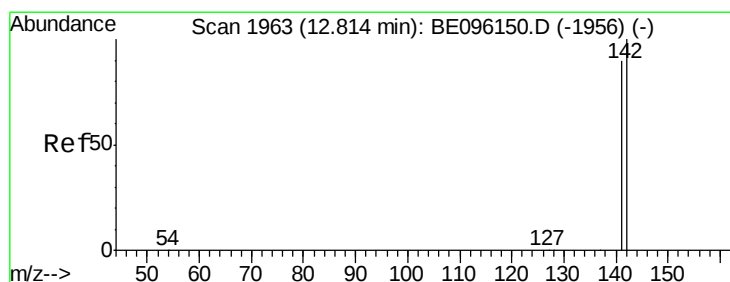
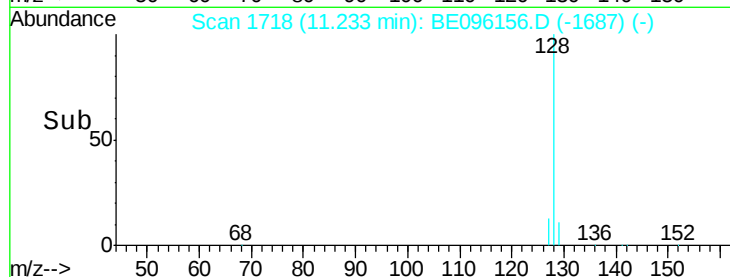
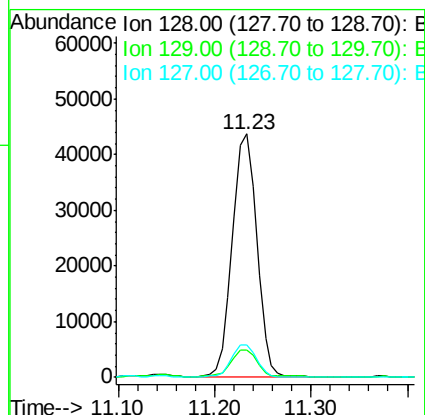
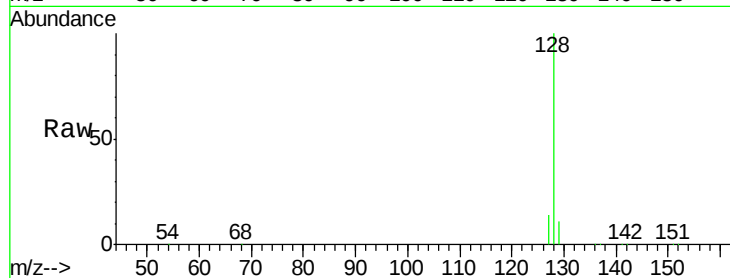
ClientSampled :

DASN8

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	13.5	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 4.035 ng/ul

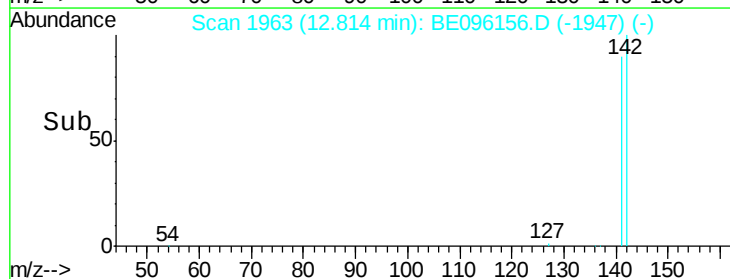
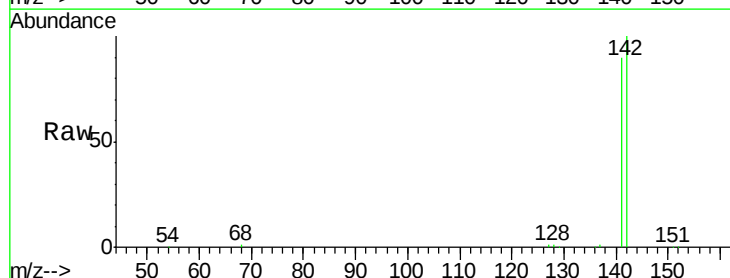
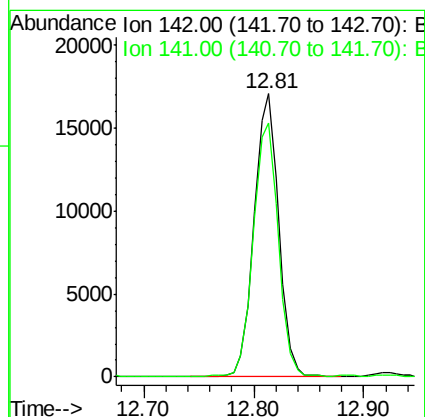
RT: 12.81 min Scan# 1963

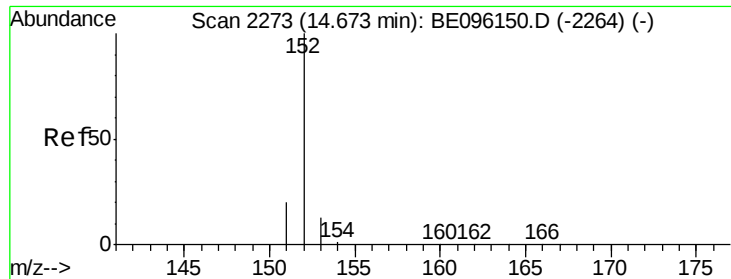
Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8





#7

Acenaphthylene

Concen: 3.165 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Instrument :

BNA_E

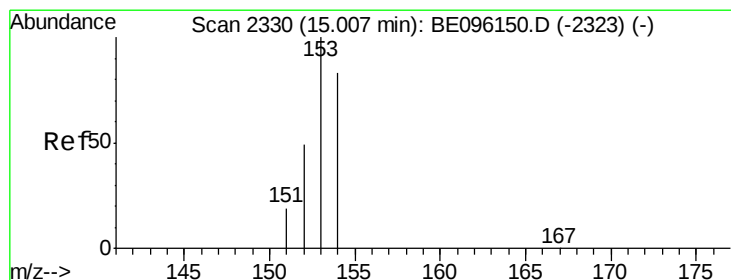
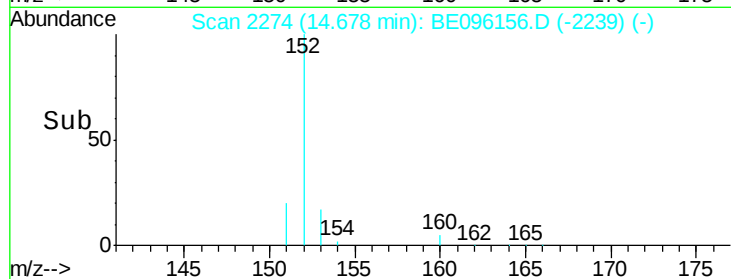
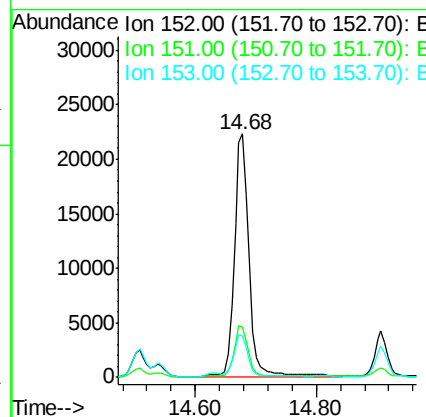
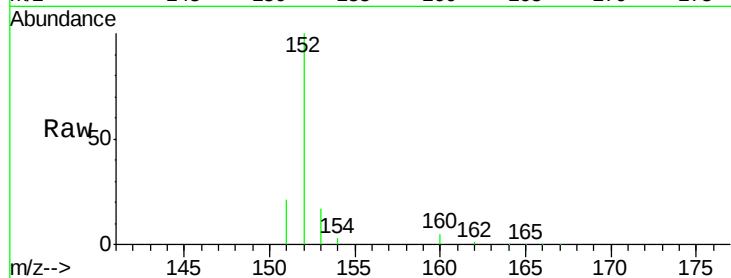
ClientSampleId :

DASN8

Tgt Ion:	152	Resp:	37262
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	17.0	12.8	19.2

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#8

Acenaphthene

Concen: 67.282 ng/ul

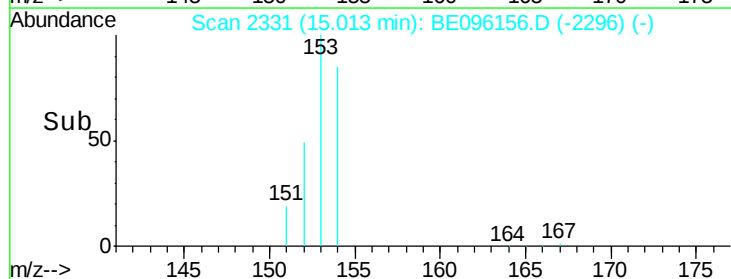
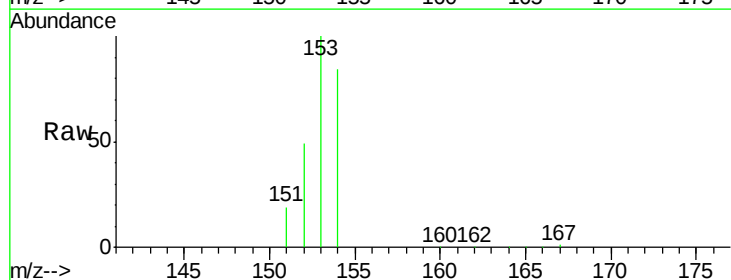
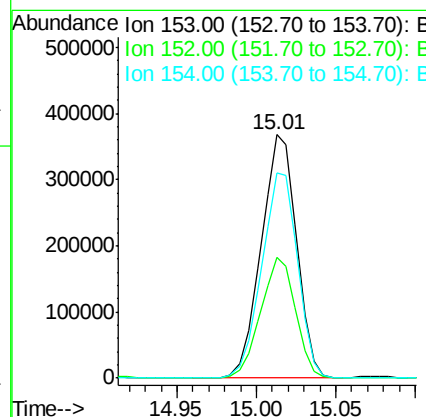
RT: 15.01 min Scan# 2331

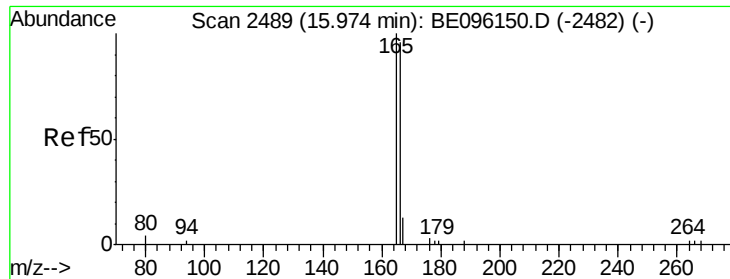
Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Tgt Ion:	153	Resp:	571184
Ion Ratio	Lower	Upper	
153	100		
152	49.4	36.0	54.0
154	84.5	72.0	108.0





#9

Fluorene

Concen: 55.835 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Instrument :

BNA_E

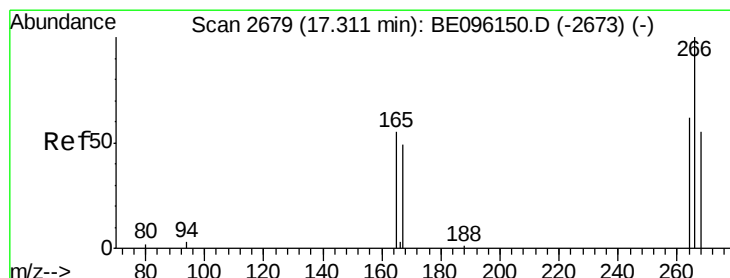
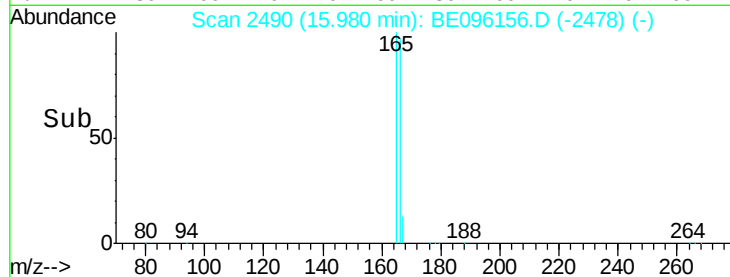
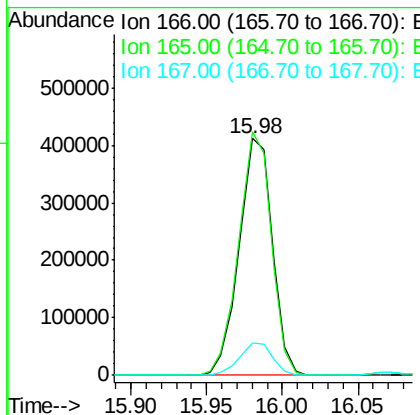
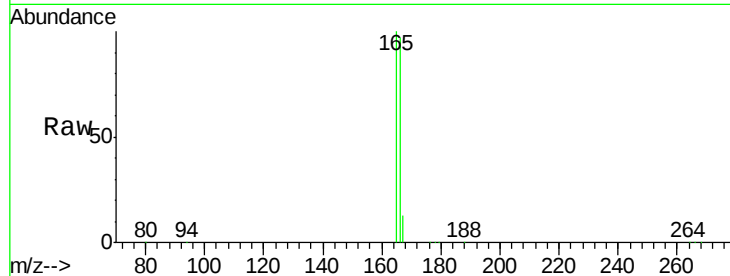
ClientSampled :

DASN8

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.8	73.4	110.2
167	13.5	14.6	22.0

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#11

Pentachlorophenol

Concen: 1.315 ng/ul m

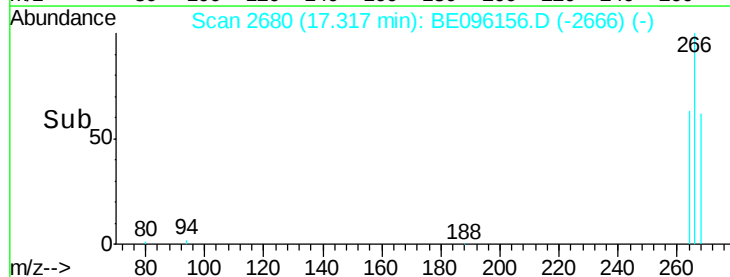
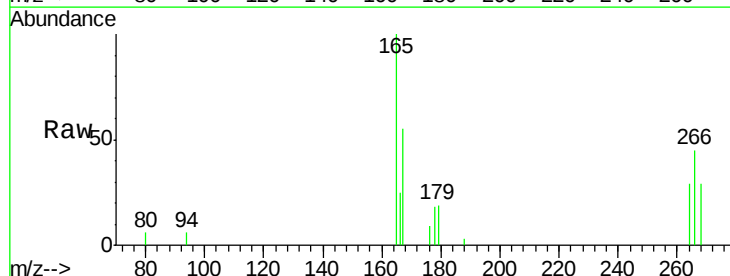
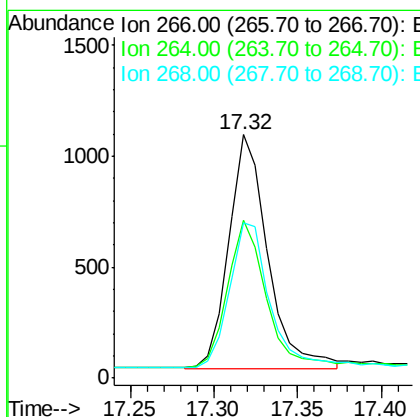
RT: 17.32 min Scan# 2680

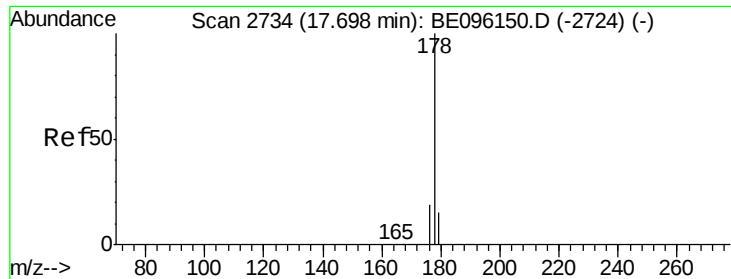
Delta R.T. -0.00 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

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





#12

Phenanthrene

Concen: 204.062 ng/ul m

RT: 17.72 min Scan# 2737

Delta R.T. 0.02 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Instrument :

BNA_E

ClientSampled :

DASN8

Tgt Ion:178 Resp: 3247930

Ion Ratio Lower Upper

178 100

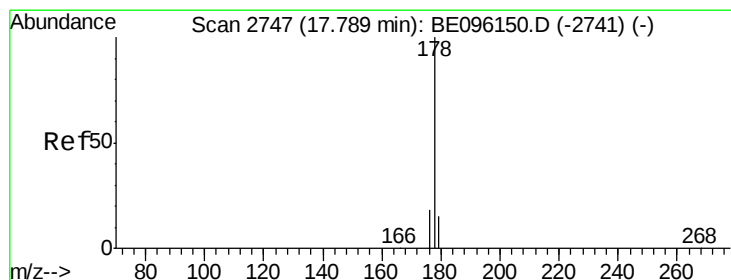
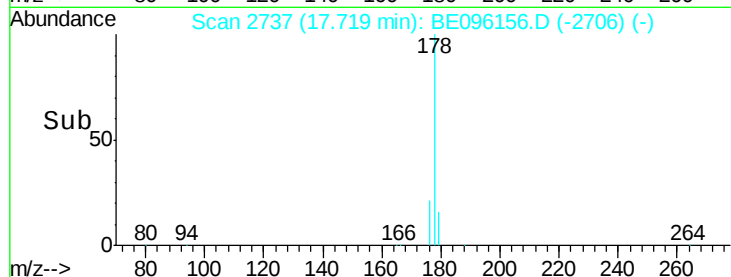
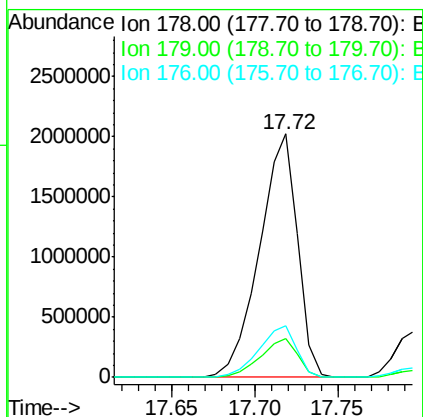
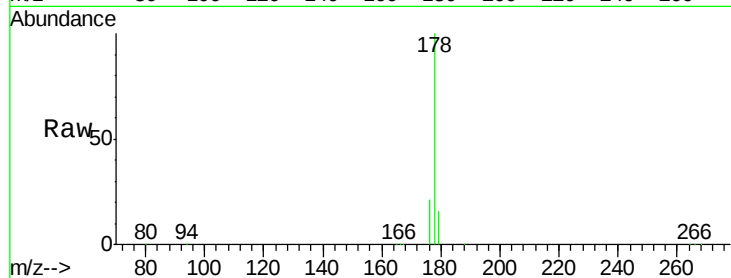
179 16.1 18.4 27.6#

176 21.0 13.6 20.4#

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#13

Anthracene

Concen: 34.151 ng/ul m

RT: 17.80 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

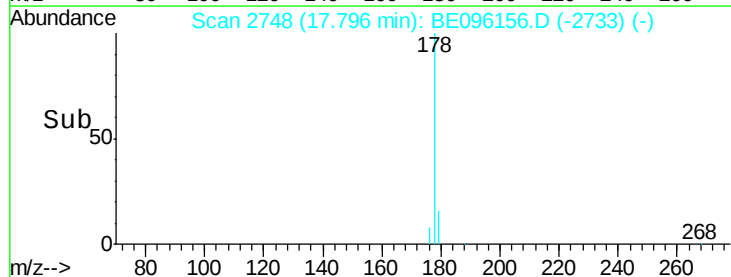
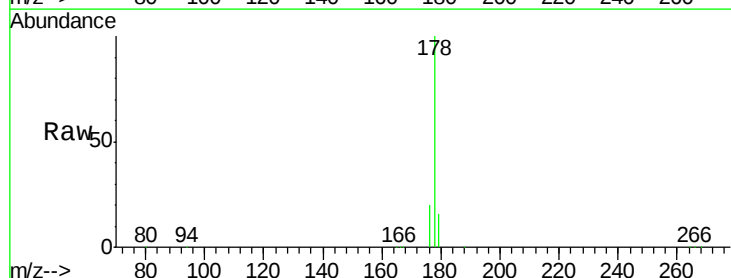
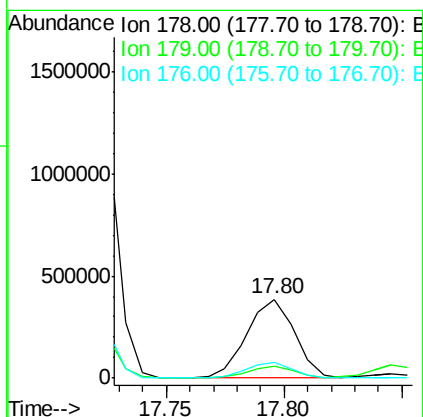
Tgt Ion:178 Resp: 545332

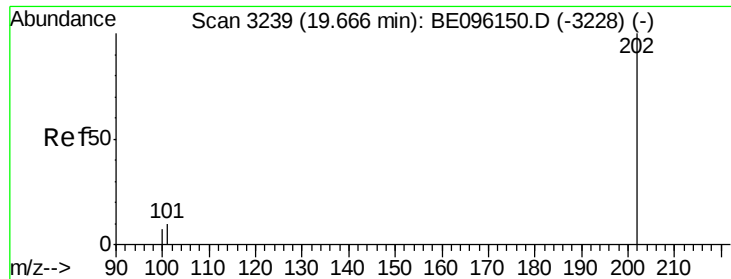
Ion Ratio Lower Upper

178 100

179 15.6 18.1 27.1#

176 19.6 14.7 22.1





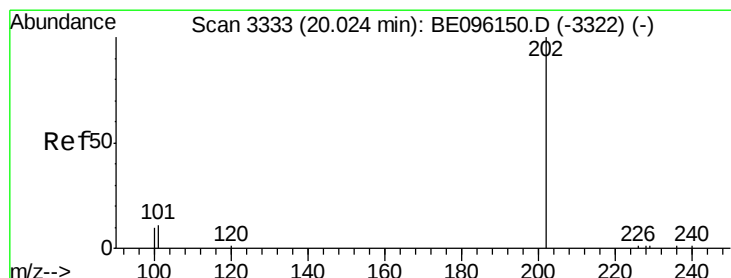
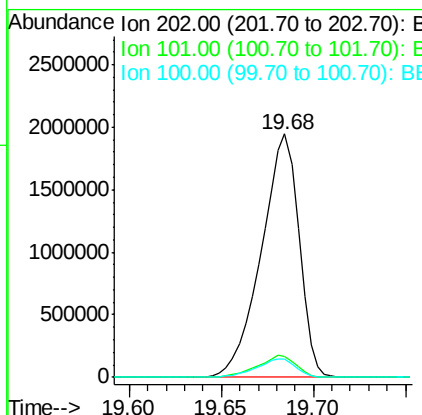
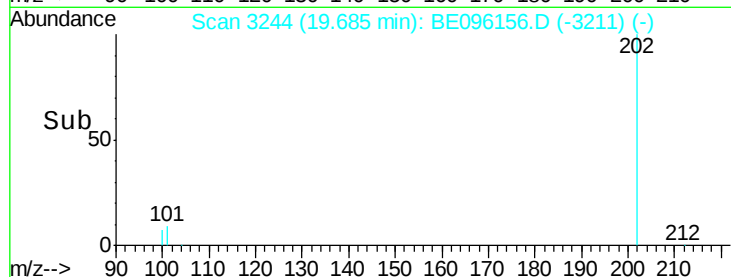
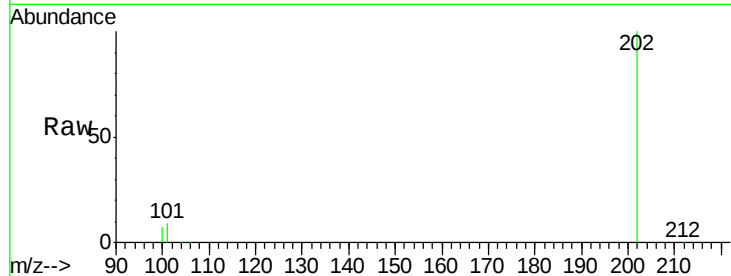
#15
Fluoranthene
 Concen: 113.385 ng/ul m
 RT: 19.68 min Scan# 3244
 Delta R.T. 0.02 min
 Lab File: BE096156.D
 Acq: 25 Apr 2018 20:04

Instrument :
 BNA_E
 ClientSampled :
 DASN8

Tgt Ion:202 Resp: 2758533
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 30.3
 100 7.3 0.0 39.5

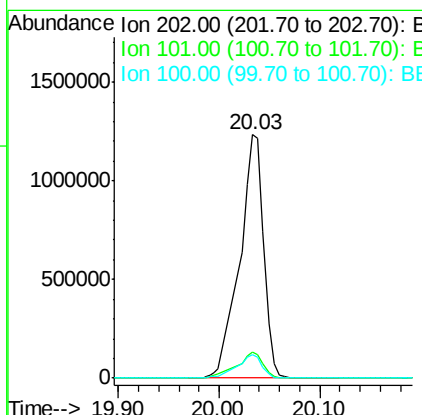
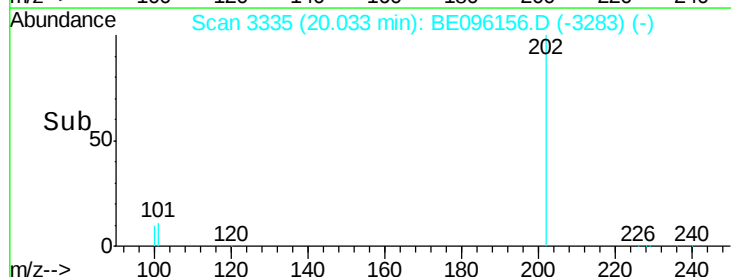
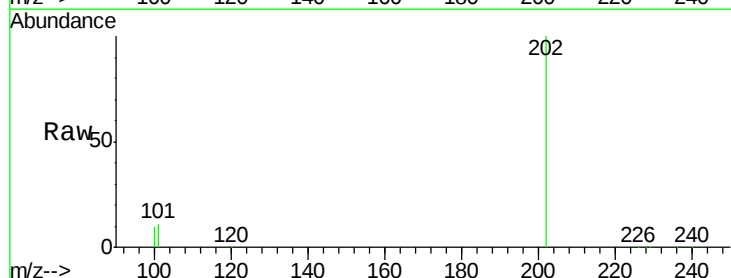
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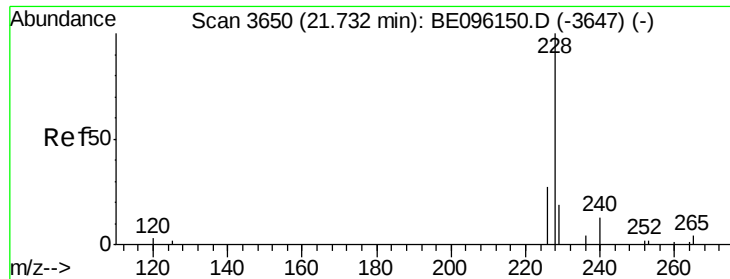
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#17
Pyrene
 Concen: 109.060 ng/ul
 RT: 20.03 min Scan# 3335
 Delta R.T. 0.01 min
 Lab File: BE096156.D
 Acq: 25 Apr 2018 20:04

Tgt Ion:202 Resp: 1744205
 Ion Ratio Lower Upper
 202 100
 101 10.6 18.2 27.4#
 100 9.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 25.326 ng/ul m

RT: 21.74 min Scan# 3651

Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Instrument :

BNA_E

ClientSampled :

DASN8

Tgt Ion:228 Resp: 611255

Ion Ratio Lower Upper

228 100

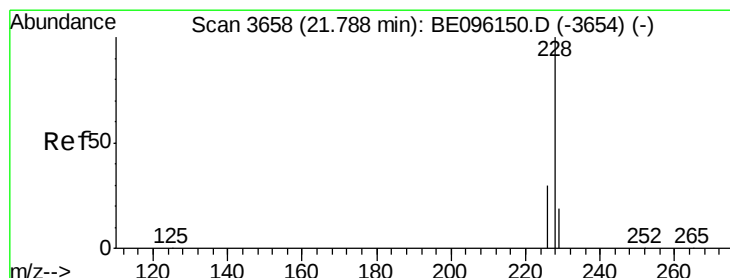
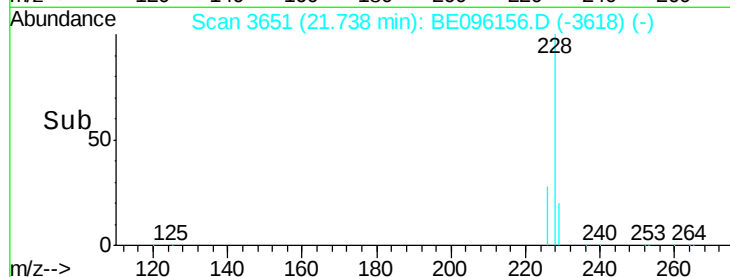
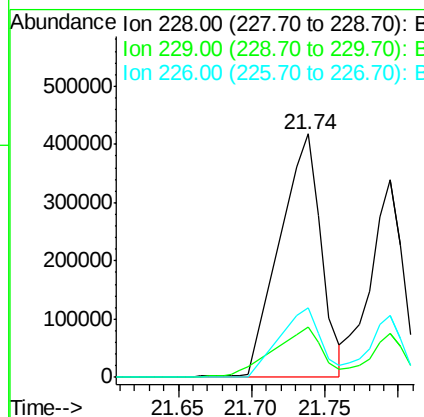
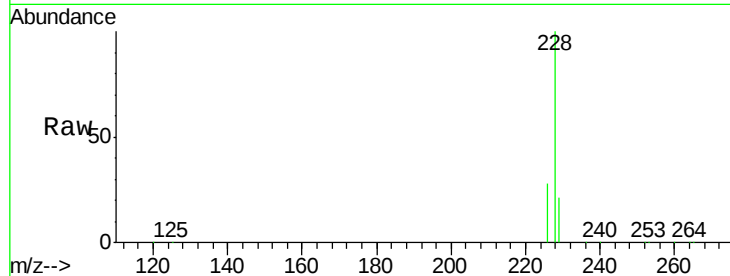
229 20.6 22.8 34.2#

226 28.5 17.0 25.6#

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#19

Chrysene

Concen: 23.704 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

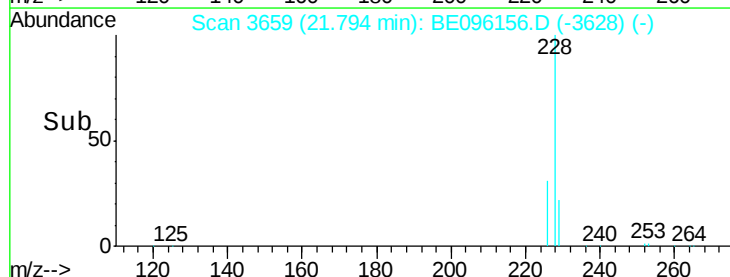
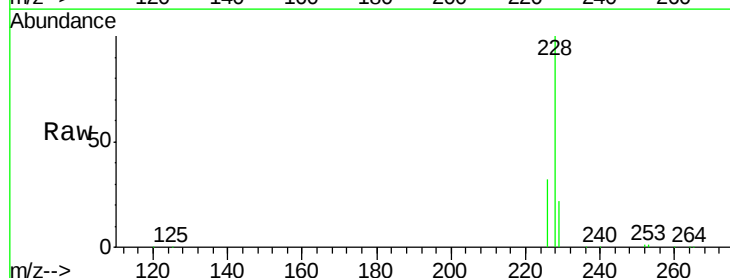
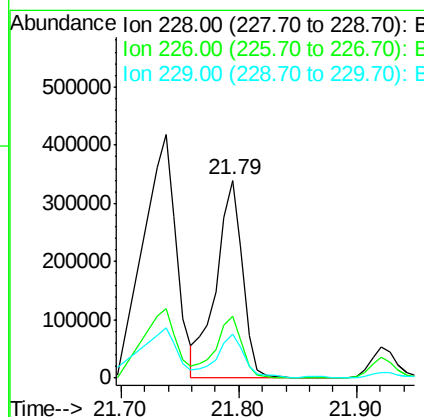
Tgt Ion:228 Resp: 525711

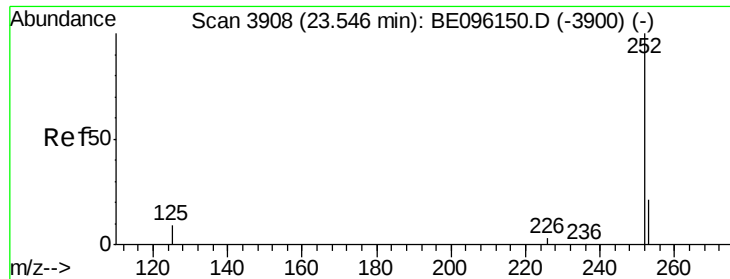
Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

229 22.4 17.7 26.5





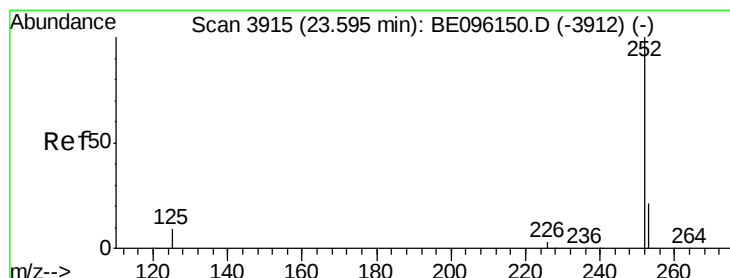
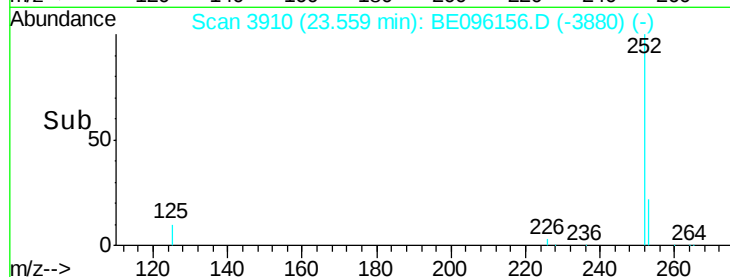
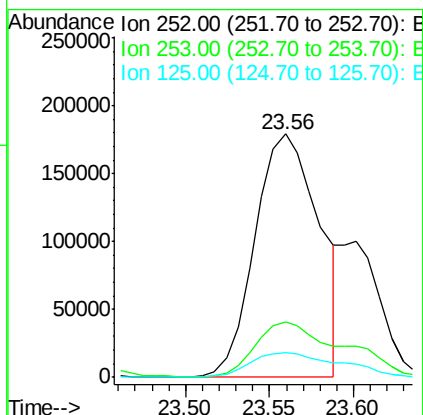
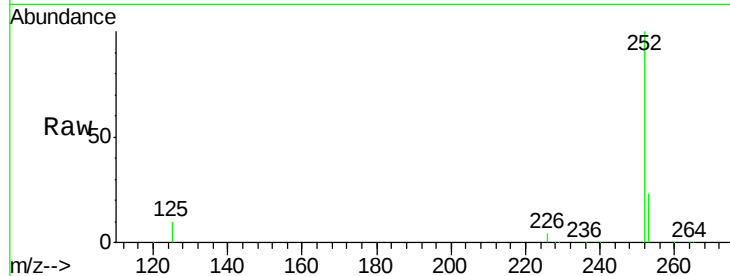
#21
Benzo(b)fluoranthene
Concen: 24.902 ng/ul m
RT: 23.56 min Scan# 3910
Delta R.T. 0.01 min
Lab File: BE096156.D
Acq: 25 Apr 2018 20:04

Instrument :
BNA_E
ClientSampleID :
DASN8

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	0.0	64.2
125	10.1	0.0	35.0

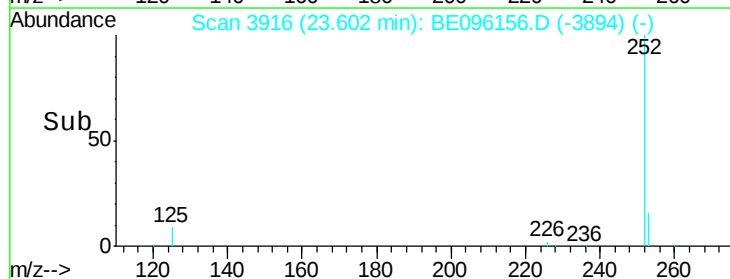
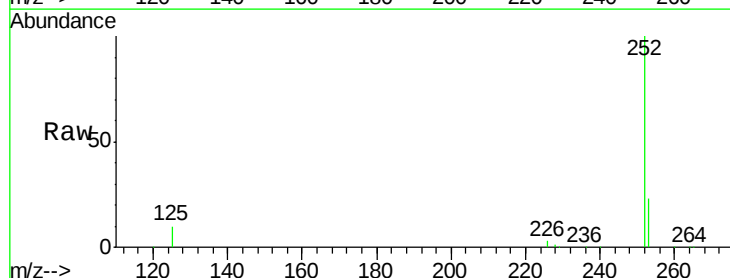
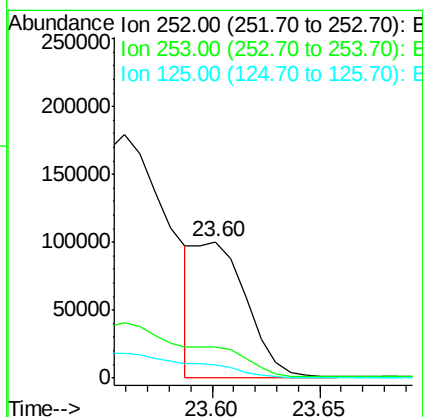
Manual Integrations
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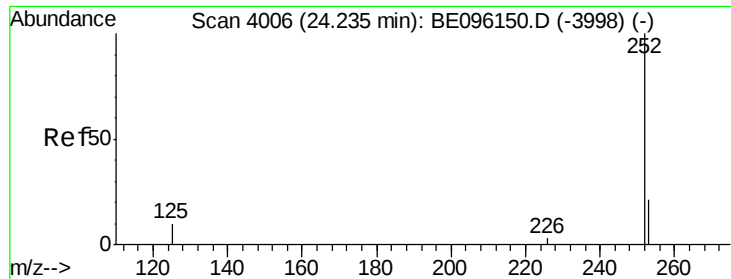
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#22
Benzo(k)fluoranthene
Concen: 9.117 ng/ul m
RT: 23.60 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BE096156.D
Acq: 25 Apr 2018 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	24.5	36.7#
125	9.8	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 19.082 ng/ul m

RT: 24.25 min Scan# 4008

Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Instrument :

BNA_E

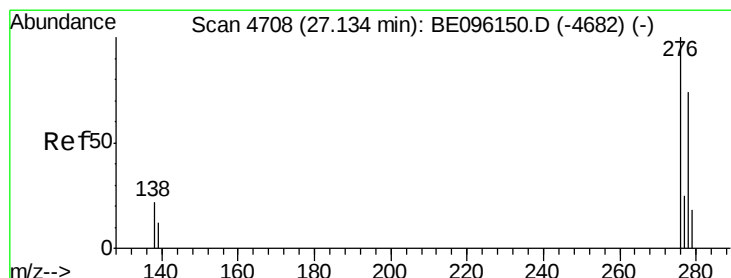
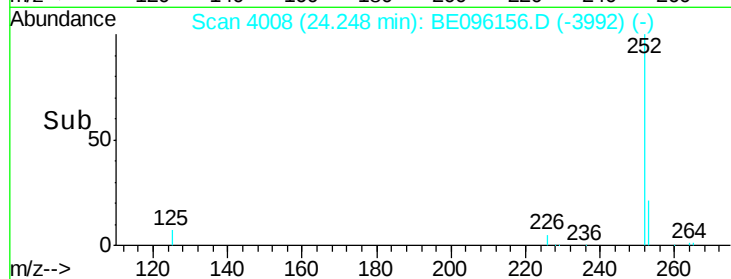
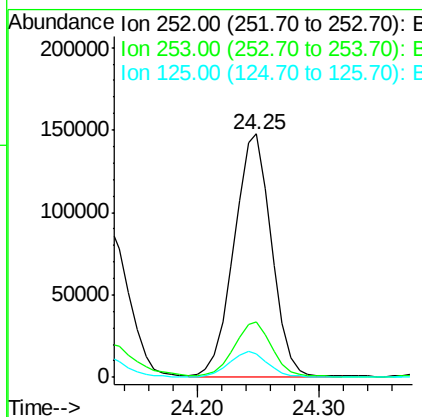
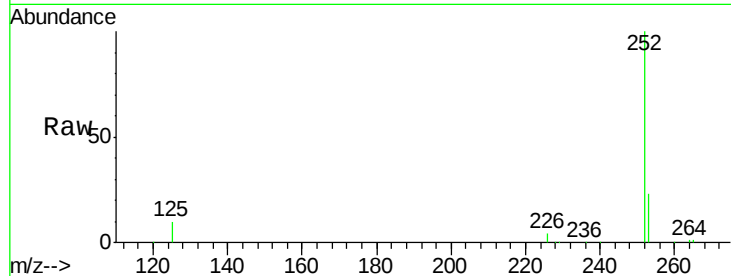
ClientSampleId :

DASN8

Tgt Ion:	252	Resp:	316866
Ion Ratio	Lower	Upper	
252	100		
253	22.7	28.5	42.7#
125	9.7	18.1	27.1#

Manual Integrations
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Sohil
4/26/2018 6:19:57 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 5.987 ng/ul m

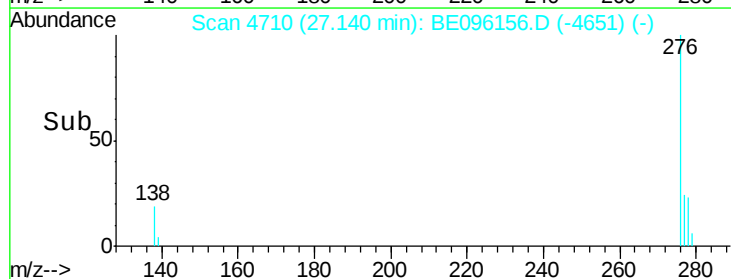
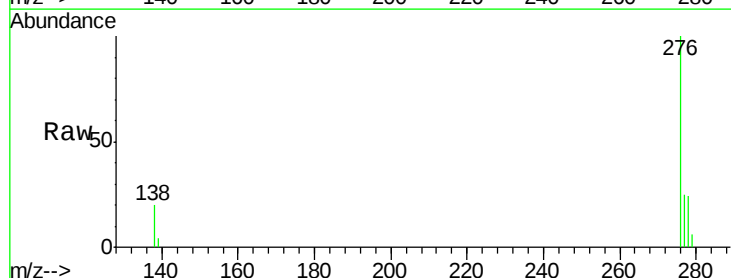
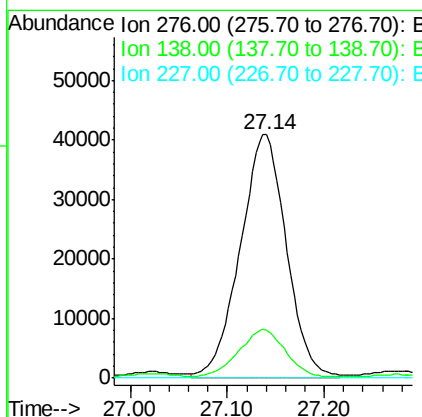
RT: 27.14 min Scan# 4710

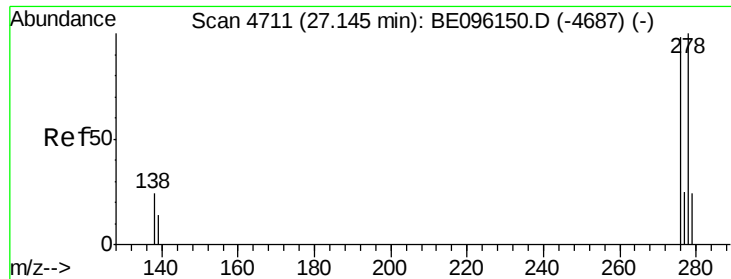
Delta R.T. 0.01 min

Lab File: BE096156.D

Acq: 25 Apr 2018 20:04

Tgt Ion:	276	Resp:	133952
Ion Ratio	Lower	Upper	
276	100		
138	1.1	28.0	42.0#
227	0.0	8.0	12.0#





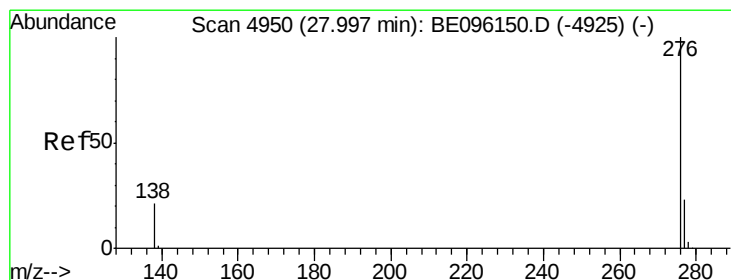
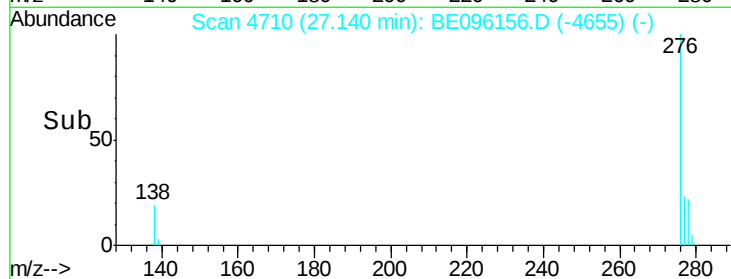
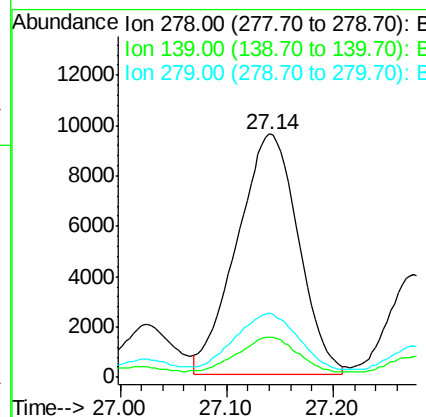
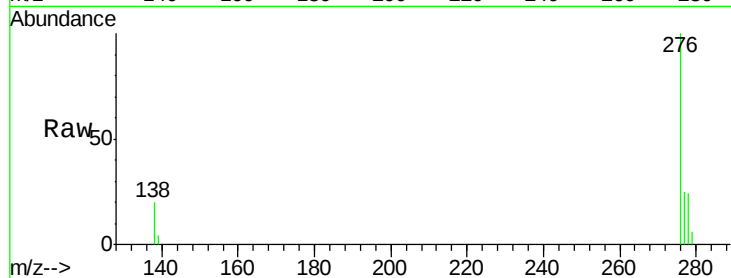
#25
Dibenzo(a,h)anthracene
Concen: 2.046 ng/ul m
RT: 27.14 min Scan# 4710
Delta R.T. -0.00 min
Lab File: BE096156.D
Acq: 25 Apr 2018 20:04

Instrument :
BNA_E
ClientSampleId :
DASN8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	17.4	26.0#
279	26.3	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:57 PM



#26
Benzo(g,h,i)perylene
Concen: 4.996 ng/ul m
RT: 28.00 min Scan# 4952
Delta R.T. 0.01 min
Lab File: BE096156.D
Acq: 25 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	21.8	32.8#
277	24.0	20.5	30.7

