

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096175.D
 Acq On : 26 Apr 2018 11:35
 Operator : SJ/JU
 Sample : J2431-05DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN6DL

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:28:40 PM

Quant Time: Apr 27 02:42:49 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 02:29:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	661	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2556	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1538	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3725	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5142	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3994	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	175	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	557	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	3567	0.501	ng/ul#	91
5) 2-Methylnaphthalene	12.81	142	5958	1.249	ng/ul	100
7) Acenaphthylene	14.67	152	1541	0.194	ng/ul#	88
8) Acenaphthene	15.01	153	49511	8.661	ng/ul	95
9) Fluorene	15.97	166	70715	9.349	ng/ul#	89
12) Phenanthrene	17.70	178	89785	8.187	ng/ul#	88
13) Anthracene	17.79	178	7031	0.639	ng/ul#	93
15) Fluoranthene	19.67	202	34665	2.068	ng/ul	84
17) Pyrene	20.02	202	11920	1.156	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	1615m	0.104	ng/ul	
19) Chrysene	21.79	228	1560m	0.109	ng/ul	
21) Benzo(b)fluoranthene	23.55	252	1296m	0.086	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	548m	0.038	ng/ul	
23) Benzo(a)pyrene	24.24	252	657	0.050	ng/ul#	76

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

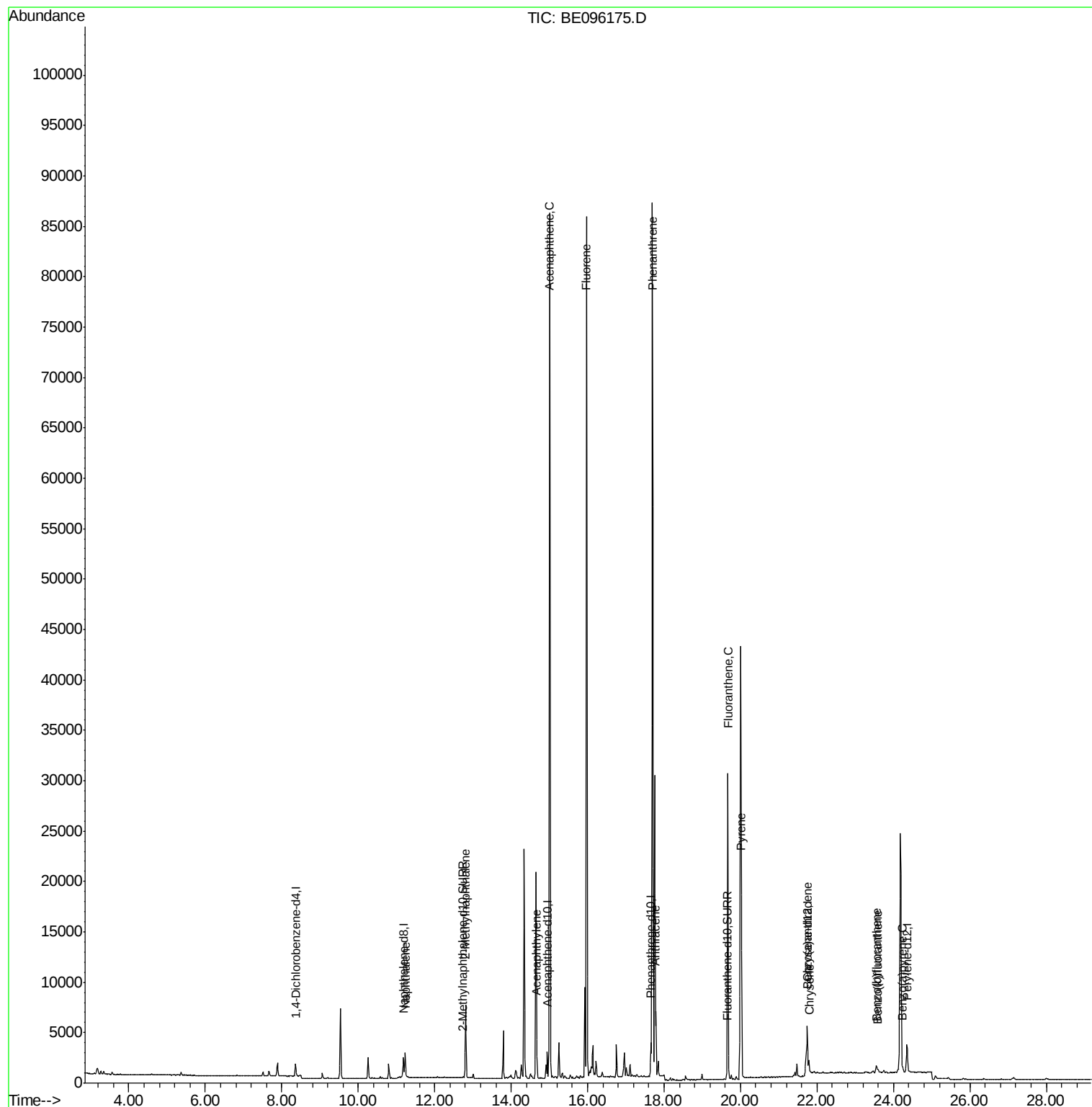
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096175.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

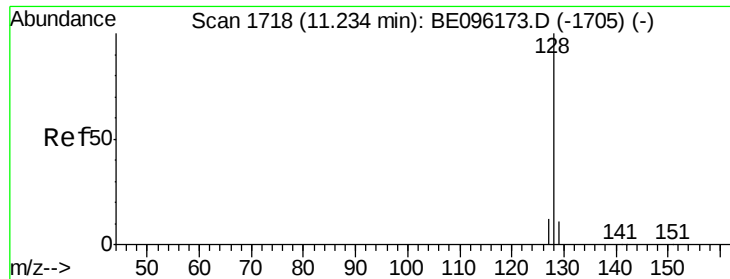
Instrument :
BNA_E
ClientSampleId :
DASN6DL

Manual Integrations
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4/27/2018 7:28:40 PM

Quant Time: Apr 27 02:42:49 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 02:29:47 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.501 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

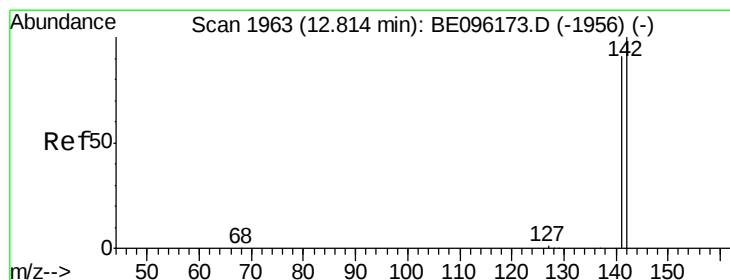
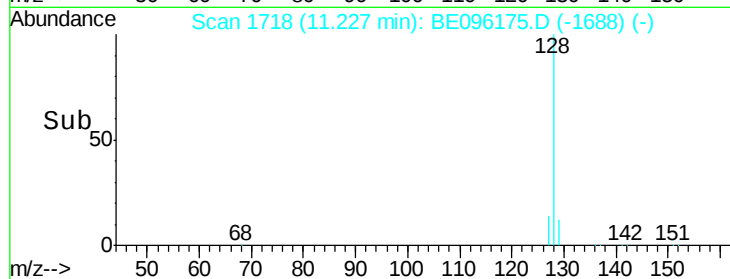
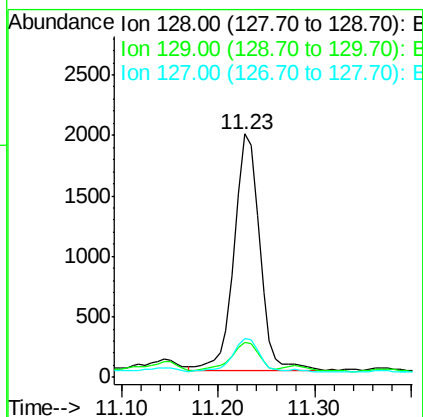
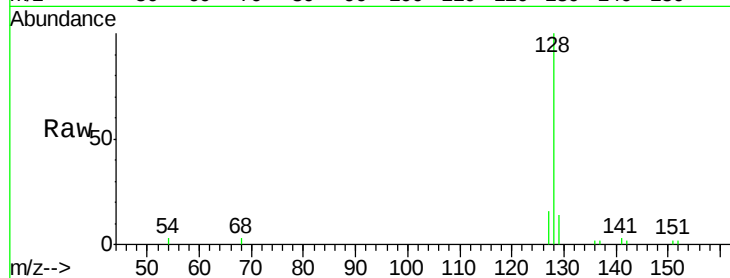
ClientSampleId :

DASN6DL

Tot Ion:	128	Resp:	3567
Ion Ratio	Lower	Upper	
128	100		
129	14.5	11.3	16.9
127	15.8	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.249 ng/ul

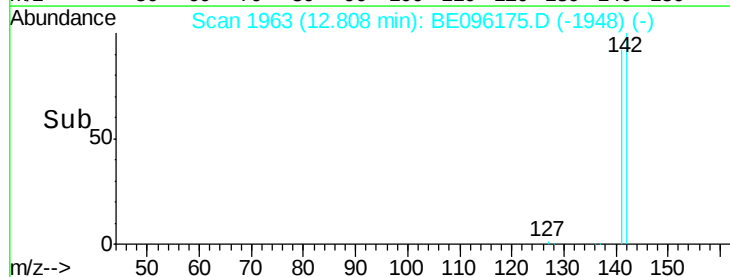
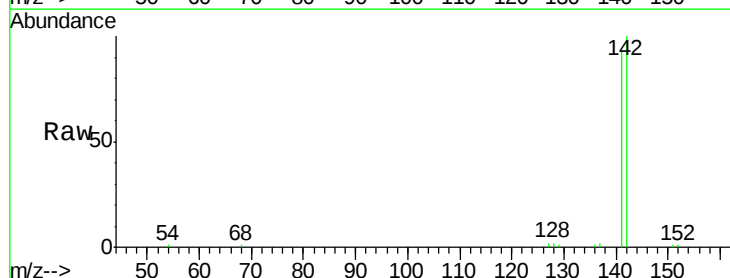
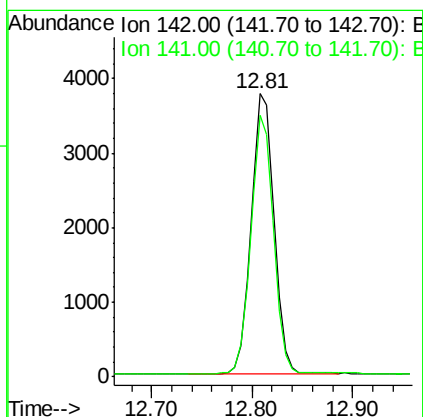
RT: 12.81 min Scan# 1963

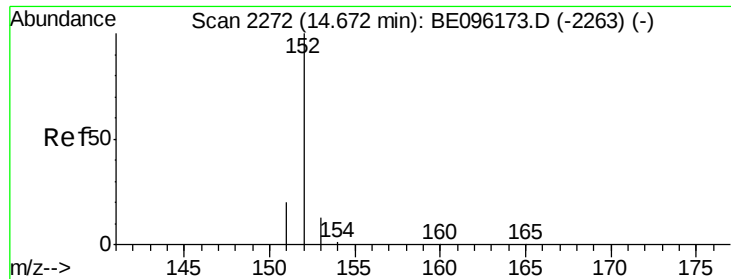
Delta R.T. -0.01 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Tgt Ion:	142	Resp:	5958
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.194 ng/ul

RT: 14.67 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

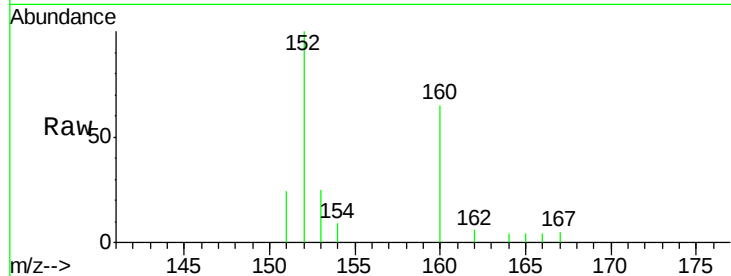
ClientSampleId :

DASN6DL

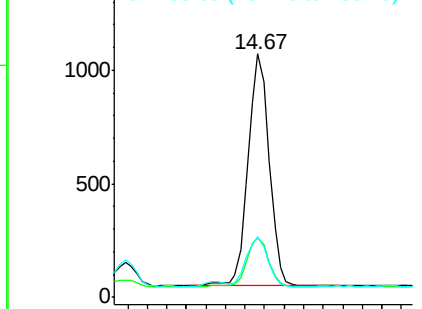
Tot Ion:	152	Resp:	1541
Ion Ratio	Lower	Upper	
152	100		
151	24.3	17.1	25.7
153	24.9	12.8	19.2#

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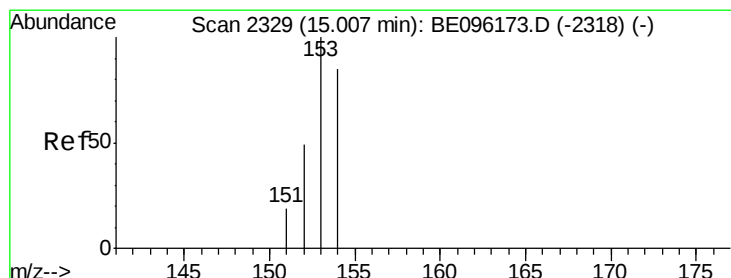
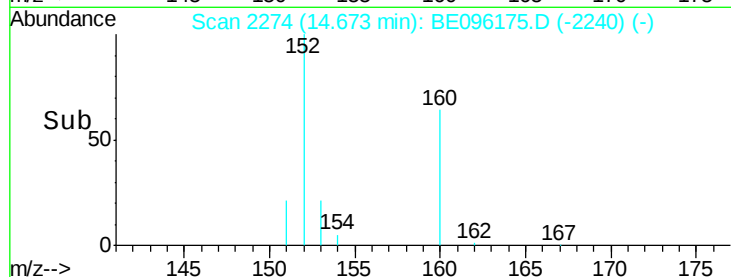
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 8.661 ng/ul

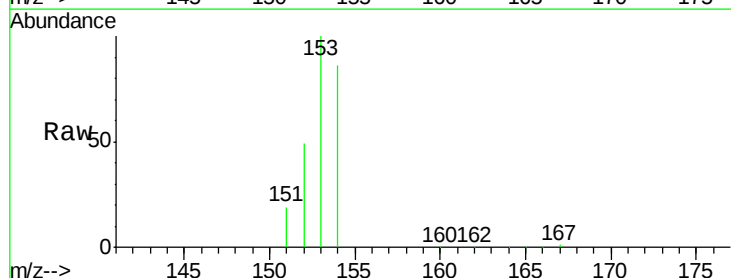
RT: 15.01 min Scan# 2331

Delta R.T. 0.00 min

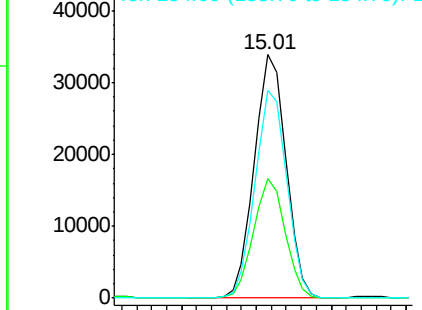
Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

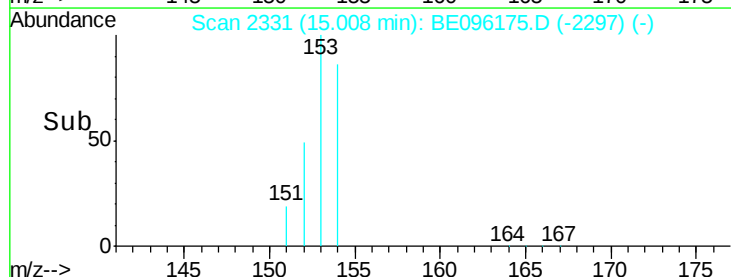
Tgt Ion:	153	Resp:	49511
Ion Ratio	Lower	Upper	
153	100		
152	48.9	36.0	54.0
154	85.6	72.0	108.0

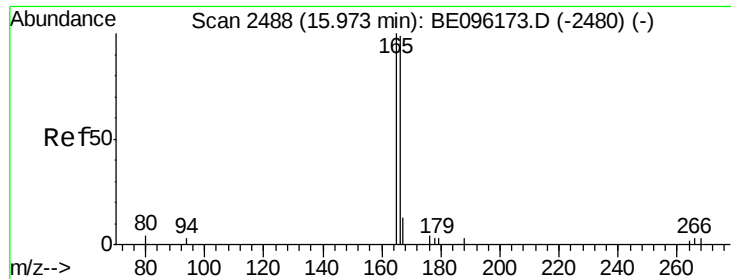


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 9.349 ng/ul

RT: 15.97 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

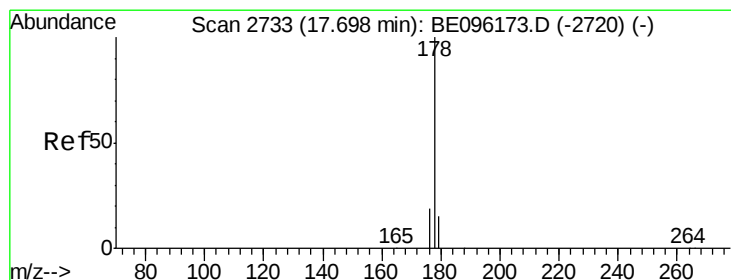
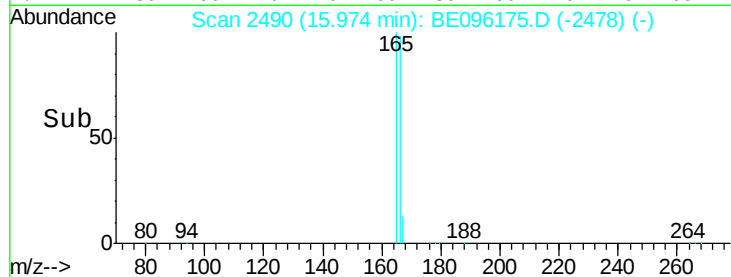
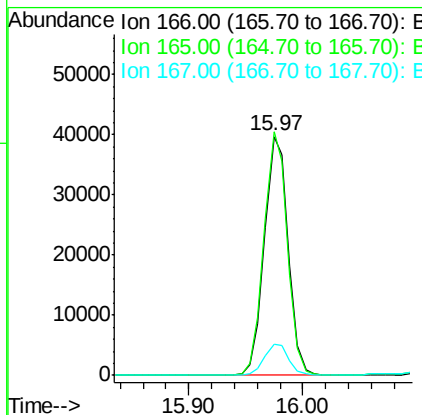
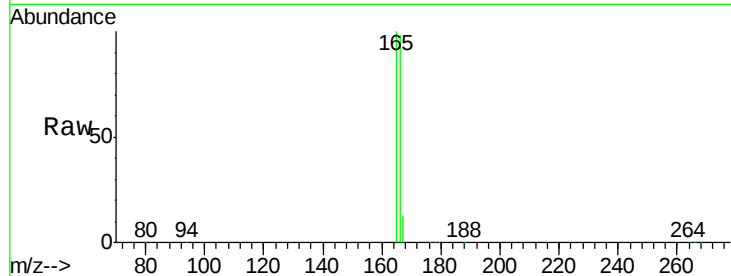
ClientSampleID :

DASN6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	73.4	110.2
167	13.3	14.6	22.0

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#12

Phenanthrene

Concen: 8.187 ng/ul

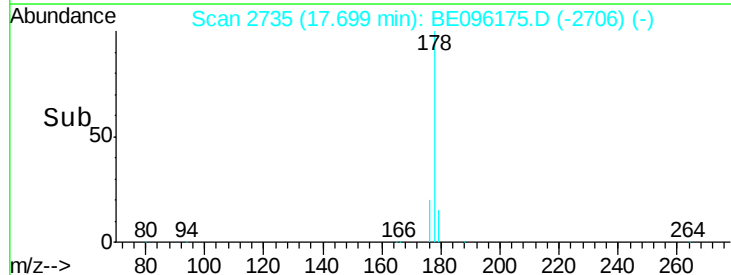
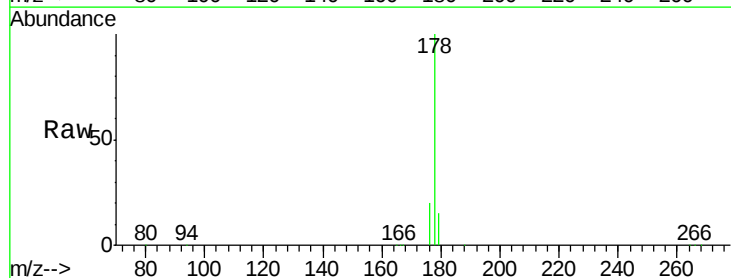
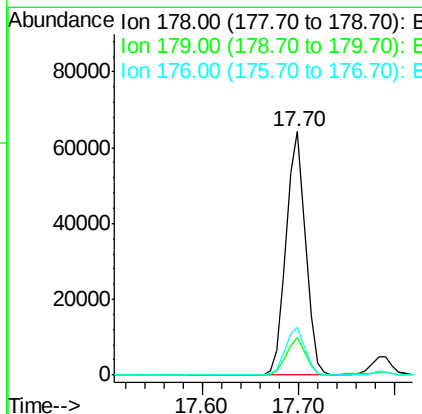
RT: 17.70 min Scan# 2735

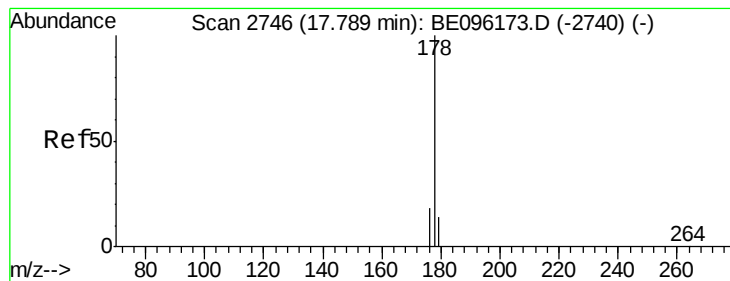
Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6
176	19.8	13.6	20.4





#13

Anthracene

Concen: 0.639 ng/ul

RT: 17.79 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

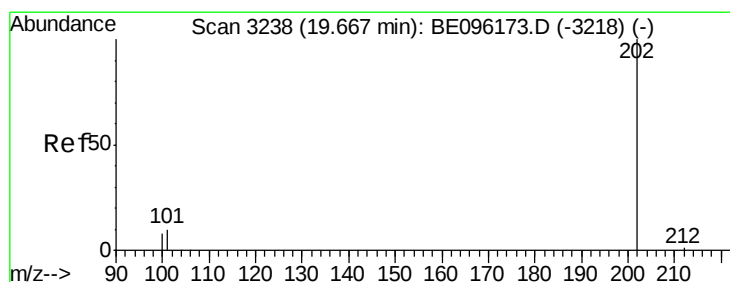
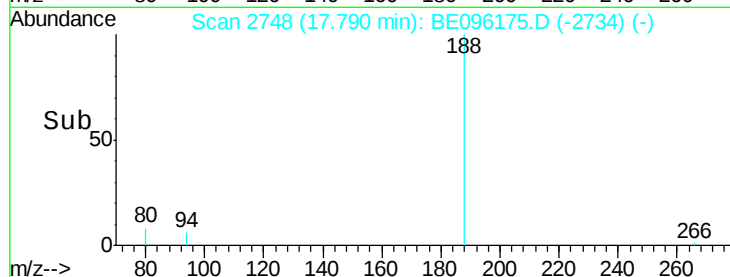
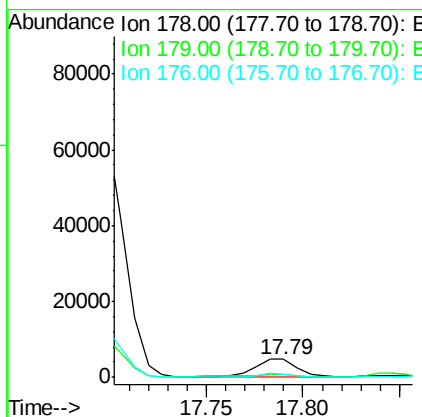
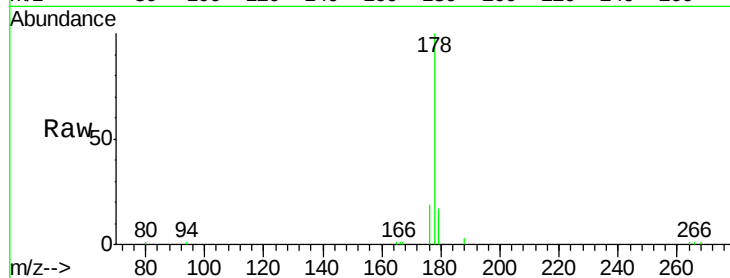
ClientSampleId :

DASN6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1#
176	19.2	14.7	22.1

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#15

Fluoranthene

Concen: 2.068 ng/ul

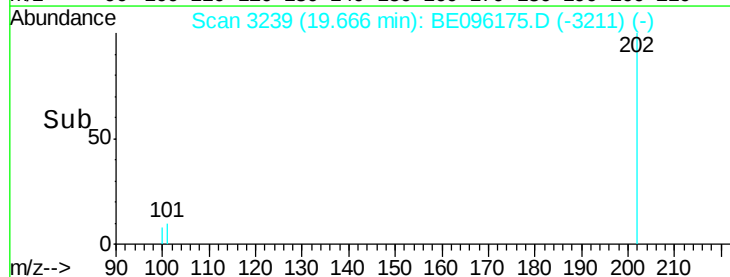
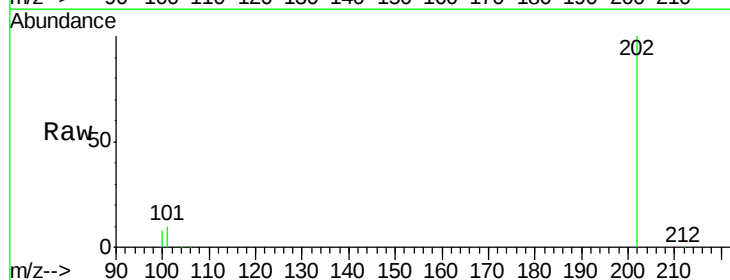
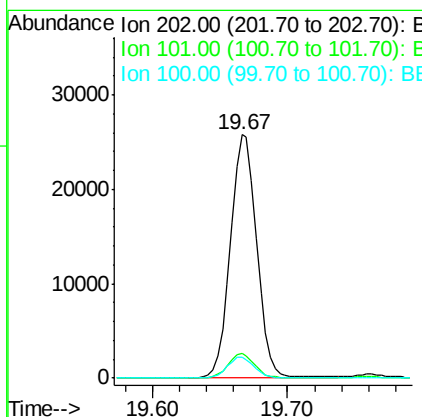
RT: 19.67 min Scan# 3239

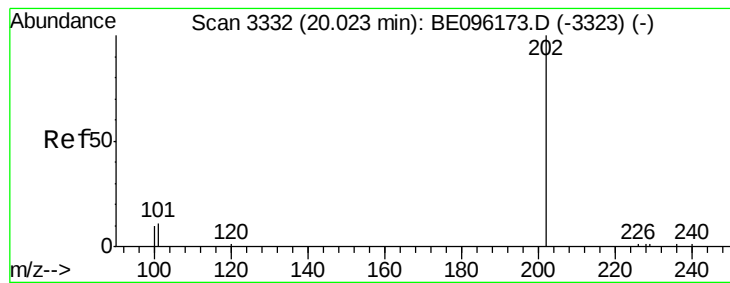
Delta R.T. -0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.4	0.0	39.5





#17

Pvrene

Concen: 1.156 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

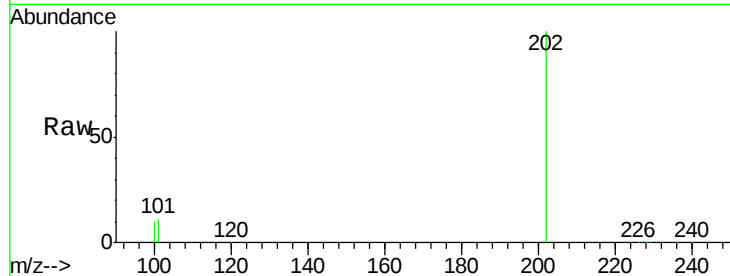
ClientSampleId :

DASN6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	18.2	27.4#
100	9.8	15.6	23.4#

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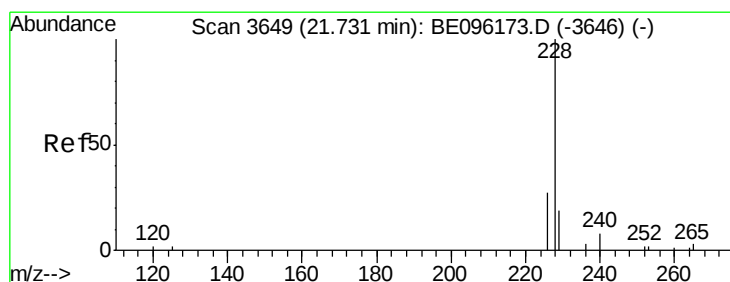
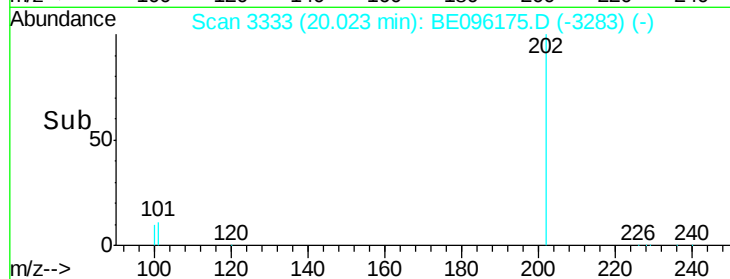
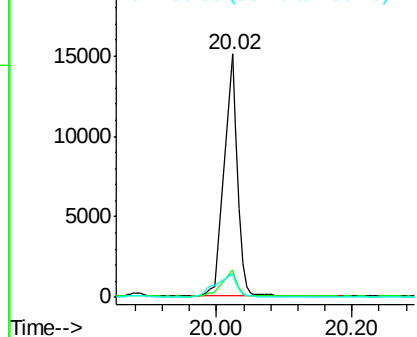


Abundance

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: 0.104 ng/ul m

RT: 21.73 min Scan# 3650

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

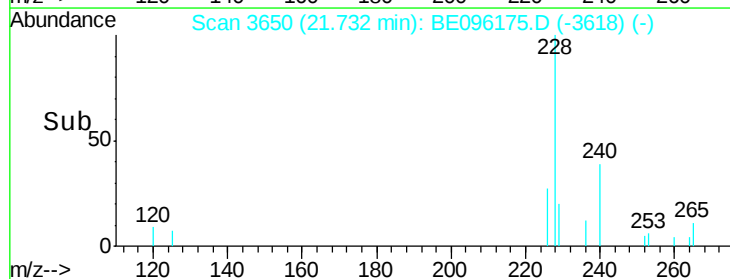
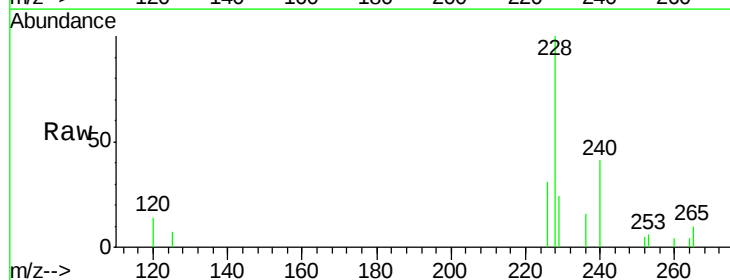
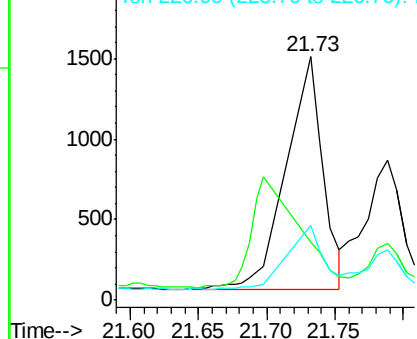
Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.0	22.8	34.2
226	30.6	17.0	25.6#

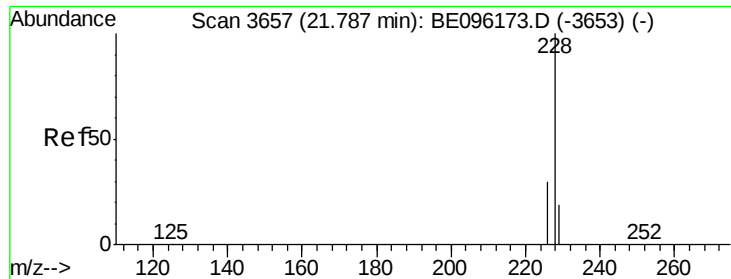
Abundance

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: 0.109 ng/ul m

RT: 21.79 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

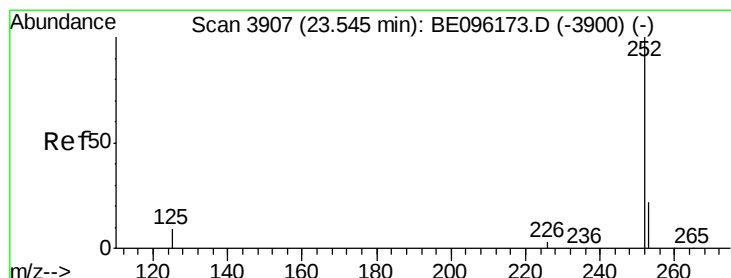
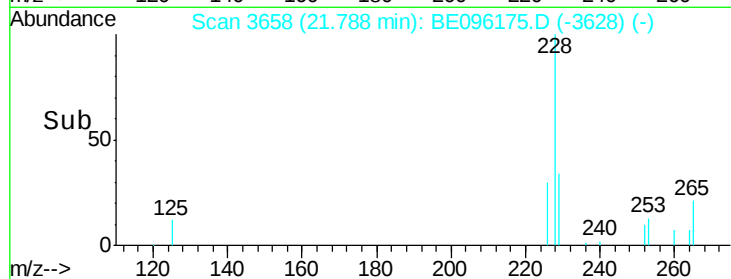
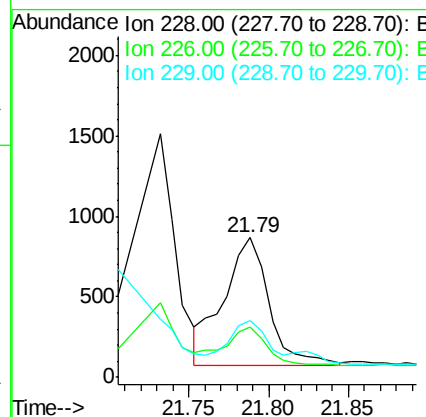
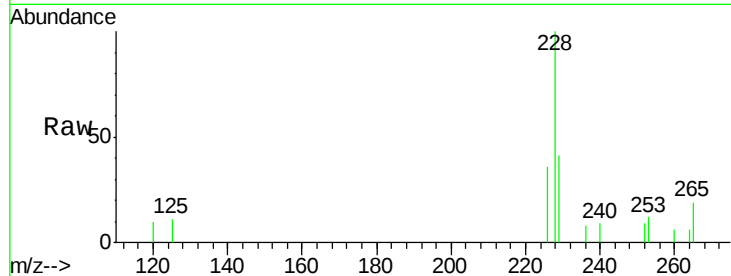
ClientSampleId :

DASN6DL

Tot Ion:	228	Resp:	1560
Ion Ratio	Lower	Upper	
228	100		
226	35.8	23.4	35.0#
229	40.6	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.086 ng/ul m

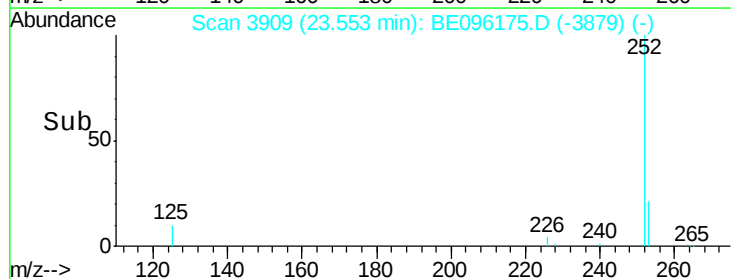
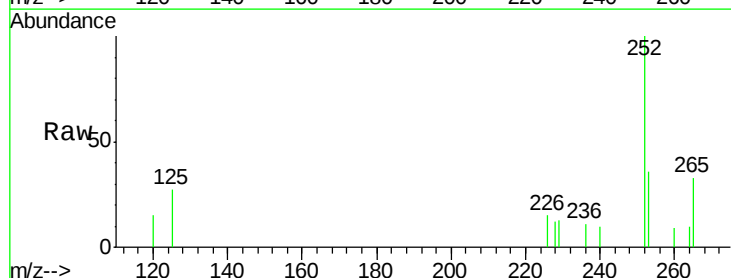
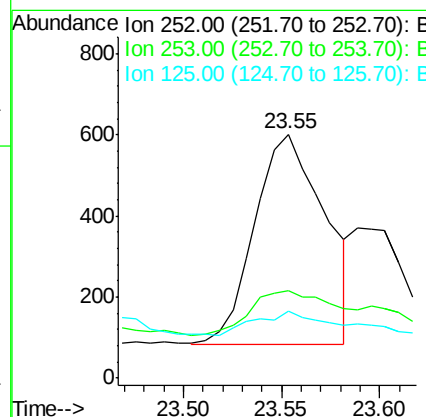
RT: 23.55 min Scan# 3909

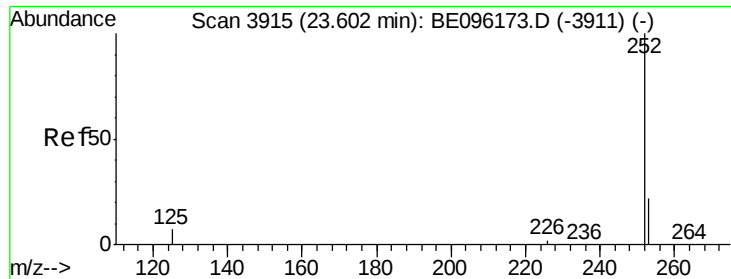
Delta R.T. 0.01 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Tgt Ion:	252	Resp:	1296
Ion Ratio	Lower	Upper	
252	100		
253	36.1	0.0	64.2
125	27.3	0.0	35.0





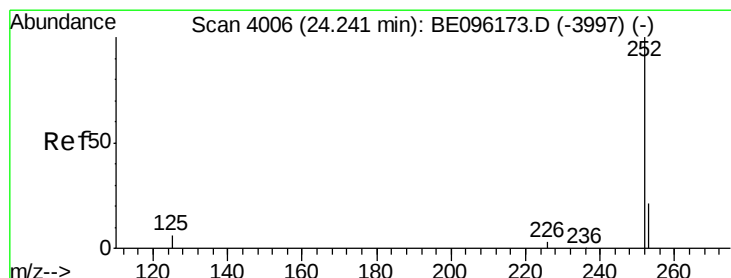
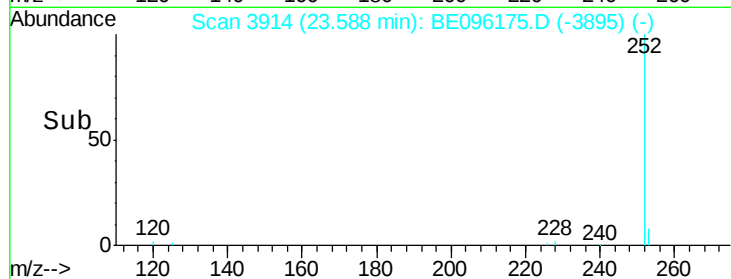
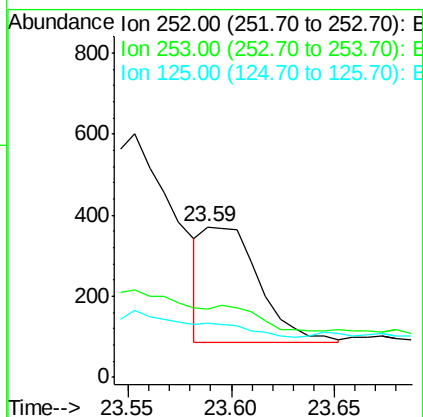
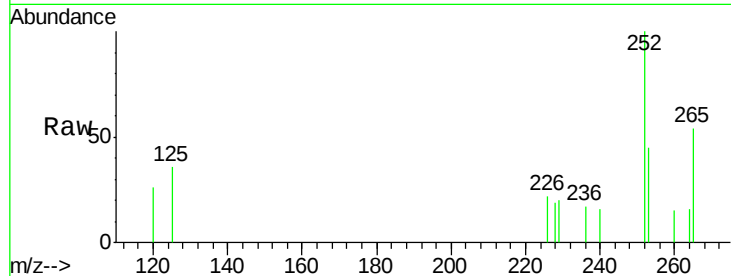
#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.59 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BE096175.D
Acq: 26 Apr 2018 11:35

Instrument :
BNA_E
ClientSampleId :
DASN6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.4	24.5	36.7#
125	35.8	13.7	20.5#

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#23
Benzo(a)pyrene
Concen: 0.050 ng/ul
RT: 24.24 min Scan# 4006
Delta R.T. -0.01 min
Lab File: BE096175.D
Acq: 26 Apr 2018 11:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.7	28.5	42.7#
125	38.1	18.1	27.1#

