

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096177.D
 Acq On : 26 Apr 2018 12:46
 Operator : SJ/JU
 Sample : J2431-11DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP2DL

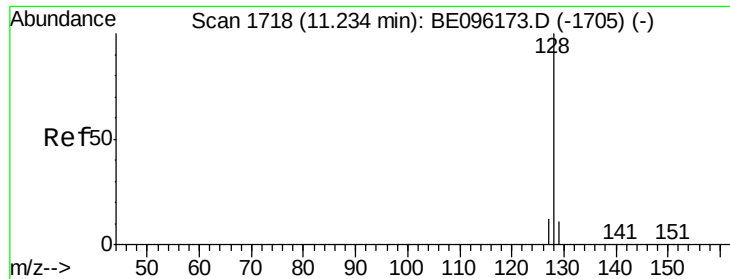
Manual Integrations
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 4/27/2018 7:28:44 PM

Quant Time: Apr 27 02:53:52 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	672	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1649	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4151	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4654	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	4119	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	261	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	874	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	13085	1.752	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	5565	1.112	ng/ul	100
7) Acenaphthylene	14.68	152	2884	0.339	ng/ul	98
8) Acenaphthene	15.01	153	11563	1.887	ng/ul	94
9) Fluorene	15.97	166	15435	1.903	ng/ul#	90
11) Pentachlorophenol	17.31	266	643	0.644	ng/ul	96
12) Phenanthrene	17.70	178	87000	7.119	ng/ul#	88
13) Anthracene	17.79	178	20095	1.639	ng/ul#	92
15) Fluoranthene	19.67	202	111200	5.953	ng/ul	82
17) Pyrene	20.02	202	48036	5.145	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	26849	1.906	ng/ul#	86
19) Chrysene	21.79	228	41871	3.234	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	92155m	5.909	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	20015m	1.342	ng/ul	
23) Benzo(a)pyrene	24.24	252	53893	3.977	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.13	276	29257	1.603	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.13	278	7496	0.490	ng/ul	91
26) Benzo(g,h,i)perylene	28.00	276	21216	1.335	ng/ul#	91

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



#3

Naphthalene

Concen: 1.752 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Instrument :

BNA_E

ClientSampled :

DASP2DL

Tot Ion:128 Resp: 13085

Ion Ratio Lower Upper

128 100

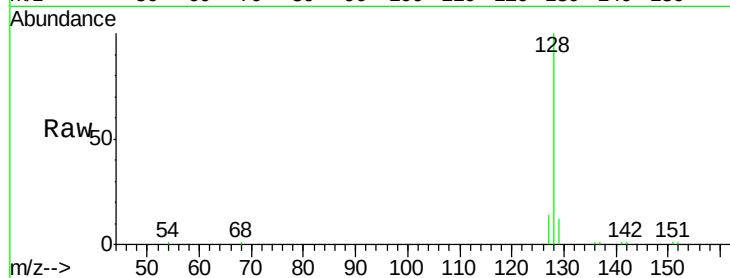
129 11.5 11.3 16.9

127 14.0 4.0 6.0#

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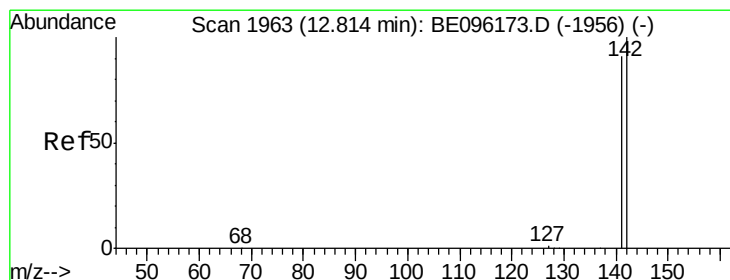
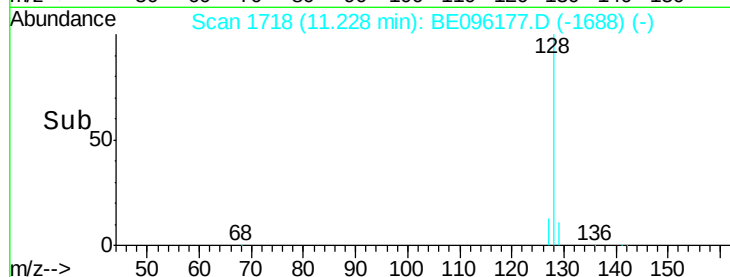
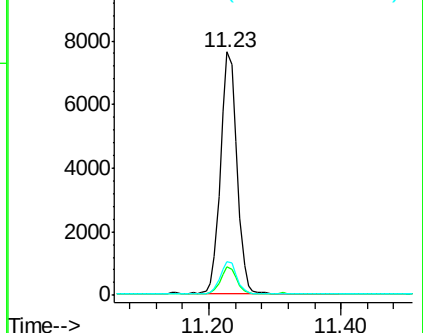
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.112 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE096177.D

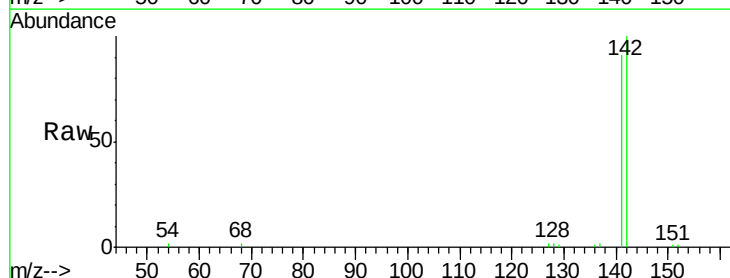
Acq: 26 Apr 2018 12:46

Tgt Ion:142 Resp: 5565

Ion Ratio Lower Upper

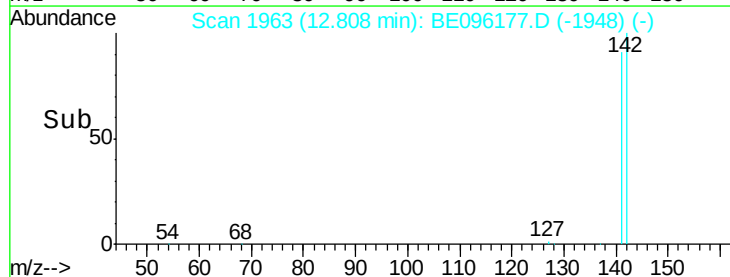
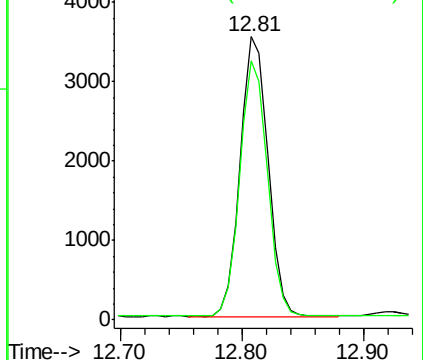
142 100

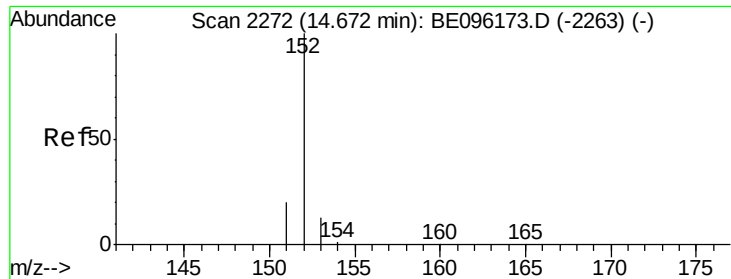
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.339 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Instrument :

BNA_E

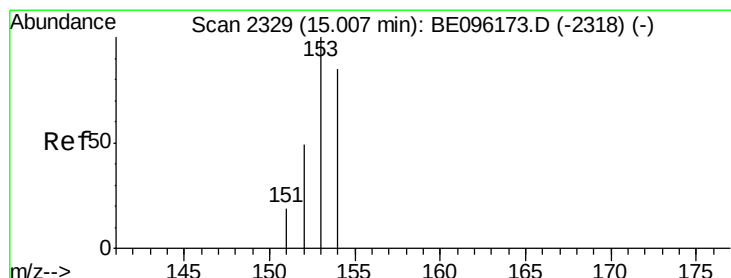
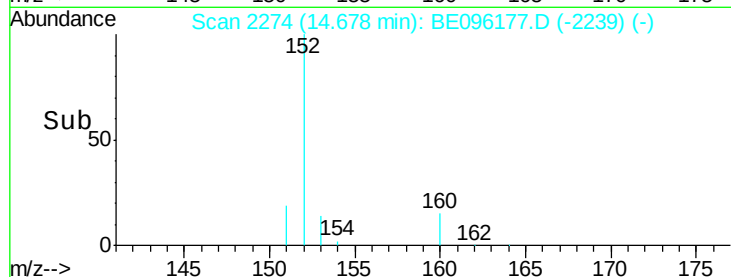
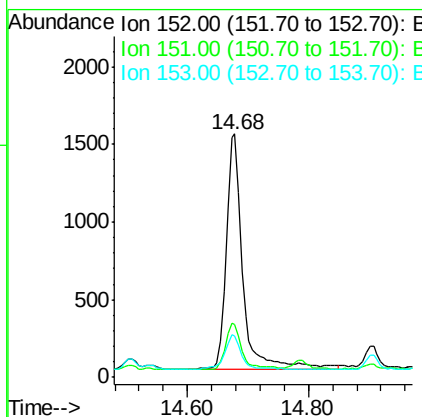
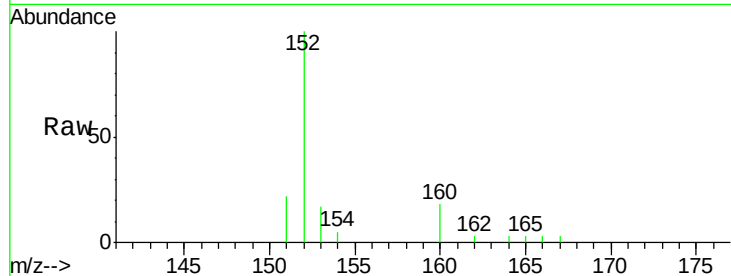
ClientSampleId :

DASP2DL

Tot Ion:	152	Resp:	2884
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7
153	17.0	12.8	19.2

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#8

Acenaphthene

Concen: 1.887 ng/ul

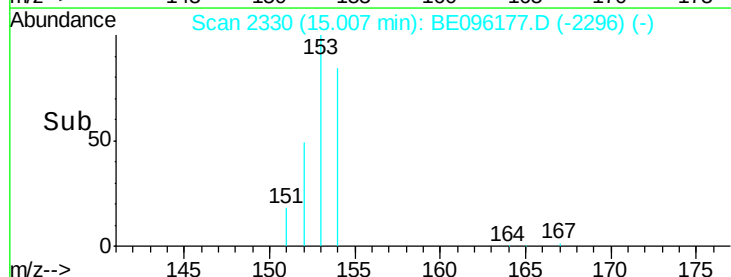
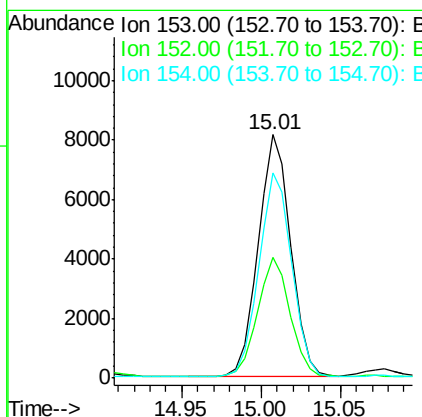
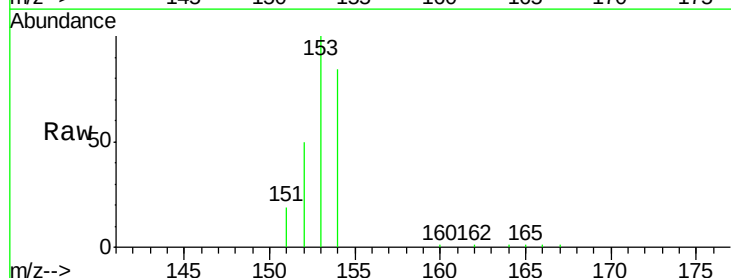
RT: 15.01 min Scan# 2330

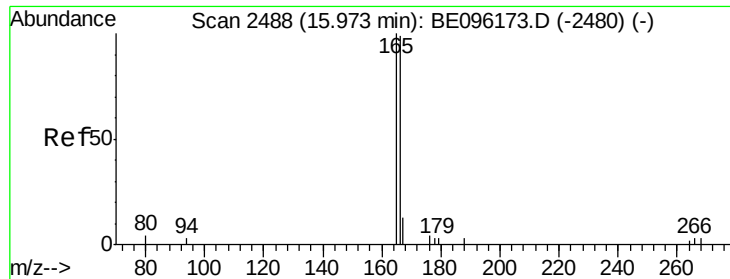
Delta R.T. 0.00 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Tgt Ion:	153	Resp:	11563
Ion	Ratio	Lower	Upper
153	100		
152	49.6	36.0	54.0
154	84.4	72.0	108.0





#9

Fluorene

Concen: 1.903 ng/ul

RT: 15.97 min Scan# 2489

Delta R.T. 0.00 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Instrument :

BNA_E

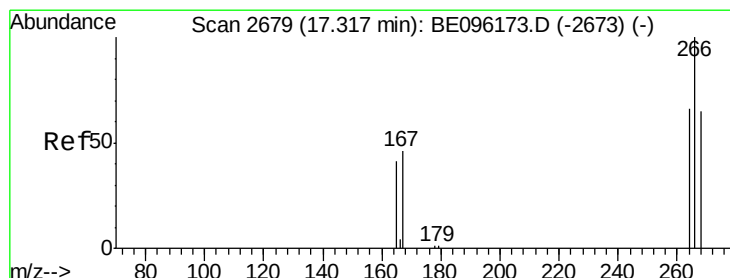
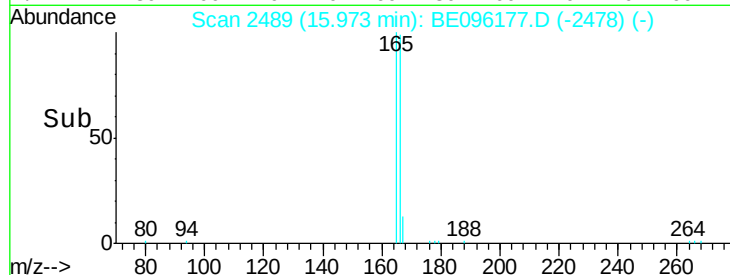
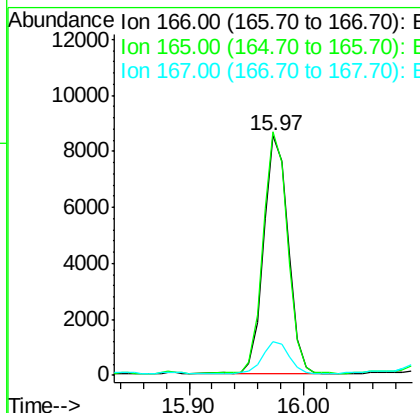
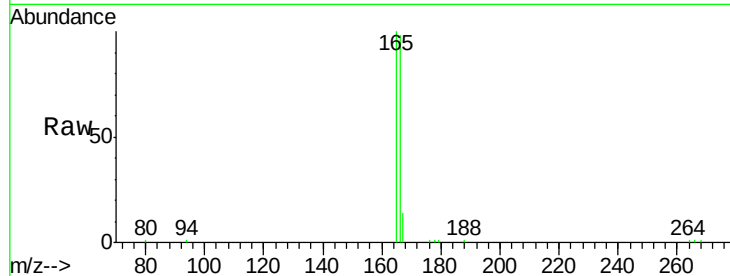
ClientSampleId :

DASP2DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.7	73.4	110.2
167	13.9	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.644 ng/ul

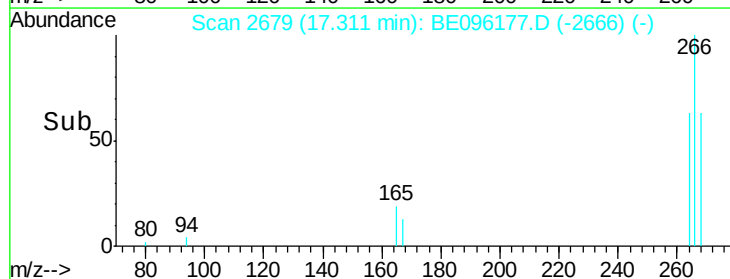
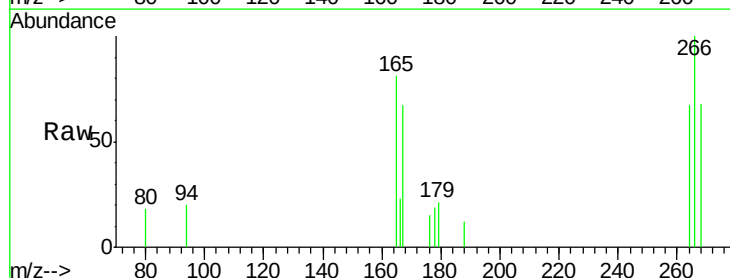
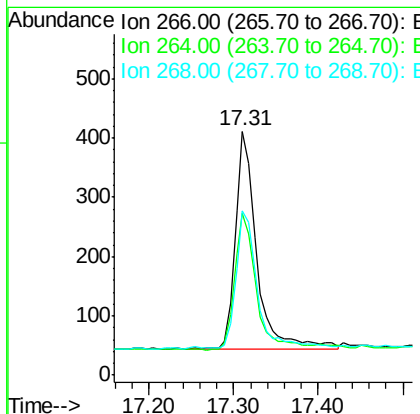
RT: 17.31 min Scan# 2679

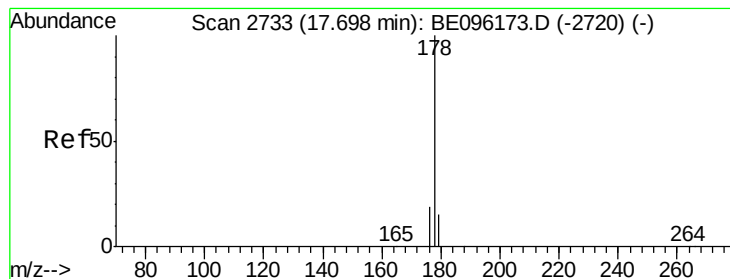
Delta R.T. -0.01 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.3	47.9	71.9
268	62.5	49.8	74.8





#12

Phenanthrene

Concen: 7.119 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Instrument :

BNA_E

ClientSampleId :

DASP2DL

Tot Ion:178 Resp: 87000

Ion Ratio Lower Upper

178 100

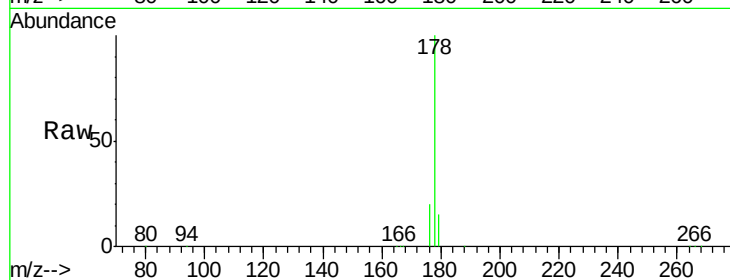
179 15.3 18.4 27.6#

176 19.9 13.6 20.4

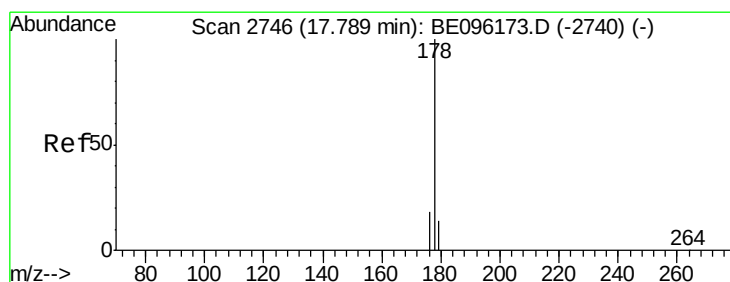
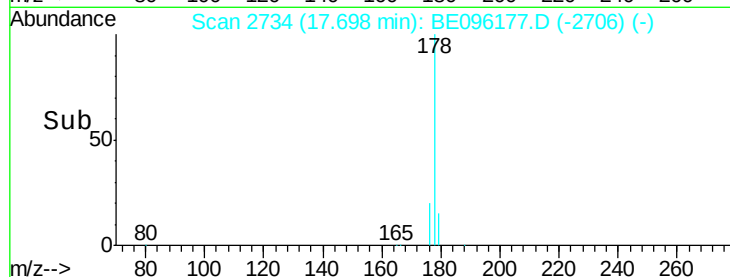
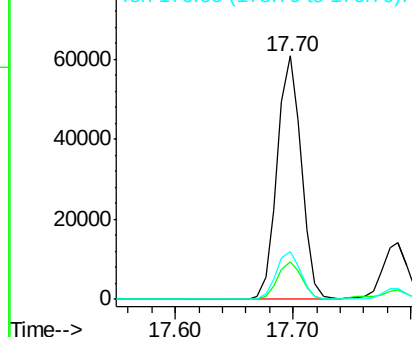
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 1.639 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Tgt Ion:178 Resp: 20095

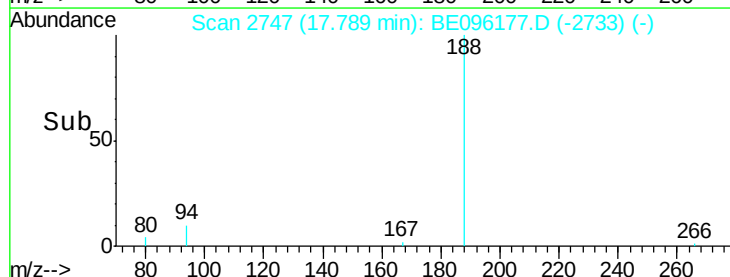
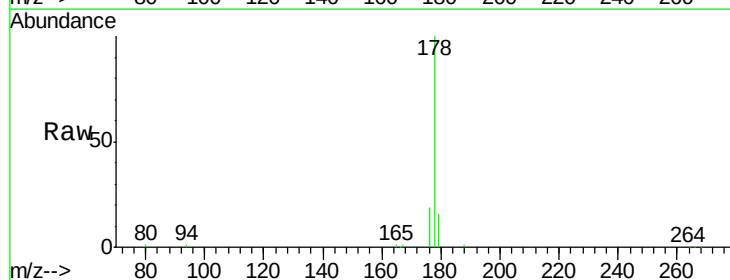
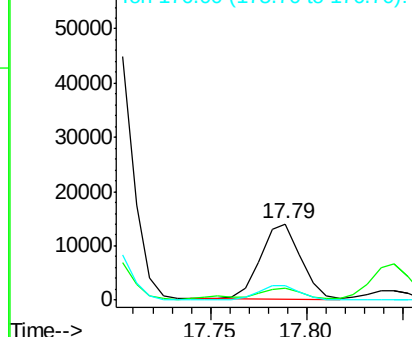
Ion Ratio Lower Upper

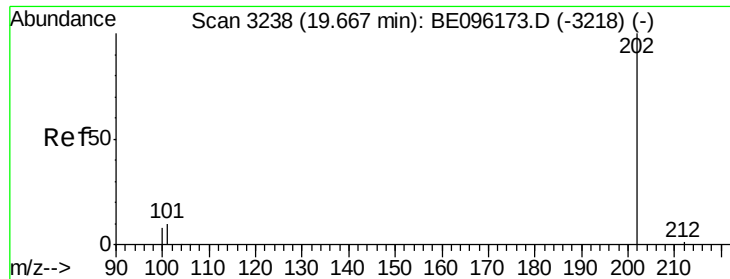
178 100

179 16.1 18.1 27.1#

176 19.3 14.7 22.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





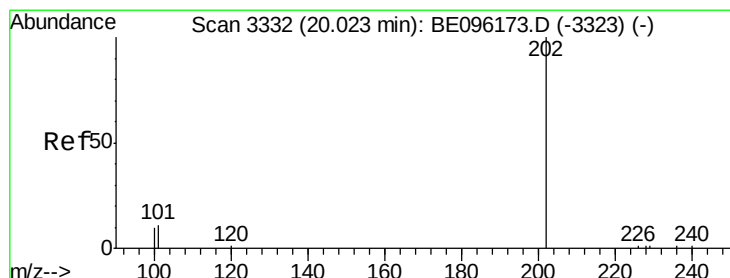
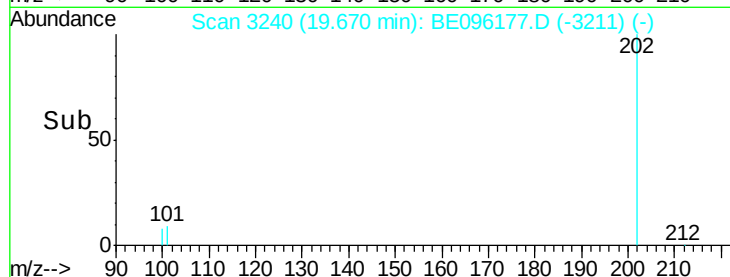
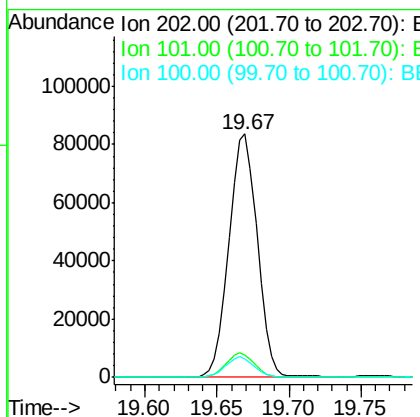
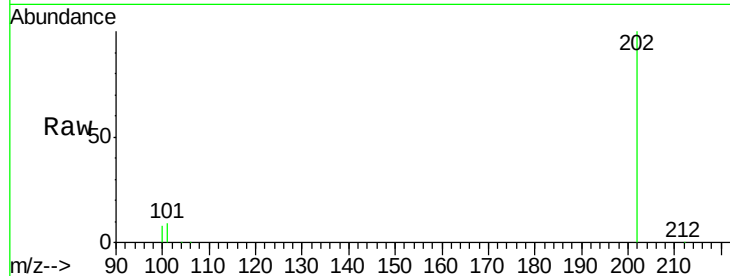
#15
Fluoranthene
Concen: 5.953 ng/ul
RT: 19.67 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BE096177.D
Acq: 26 Apr 2018 12:46

Instrument :
BNA_E
ClientSampleId :
DASP2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	30.3
100	7.6	0.0	39.5

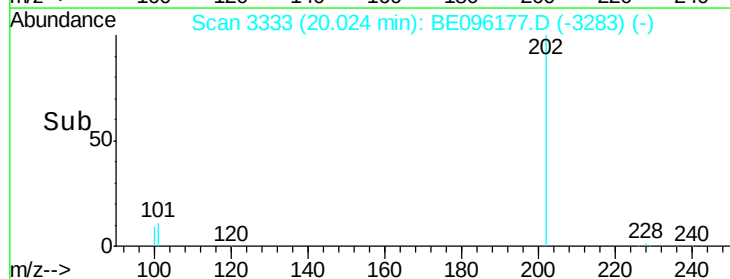
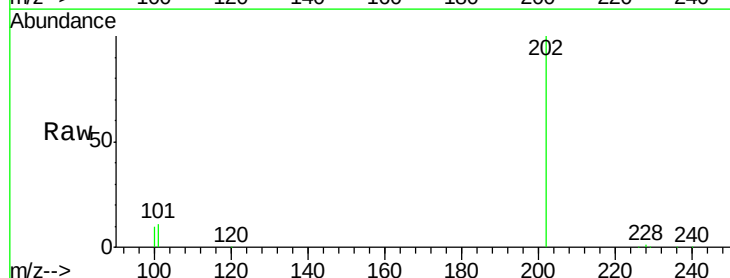
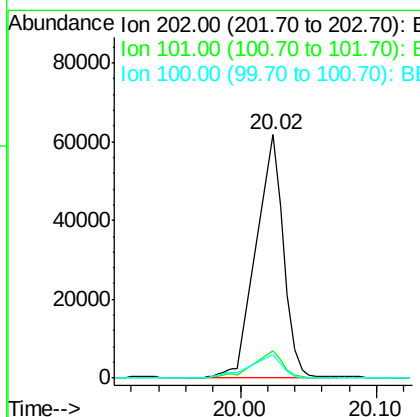
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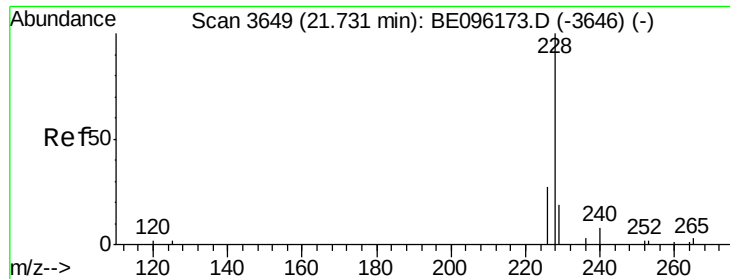
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#17
Pyrene
Concen: 5.145 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096177.D
Acq: 26 Apr 2018 12:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	18.2	27.4#
100	9.5	15.6	23.4#





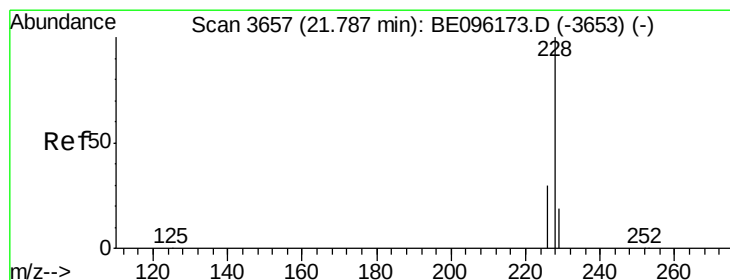
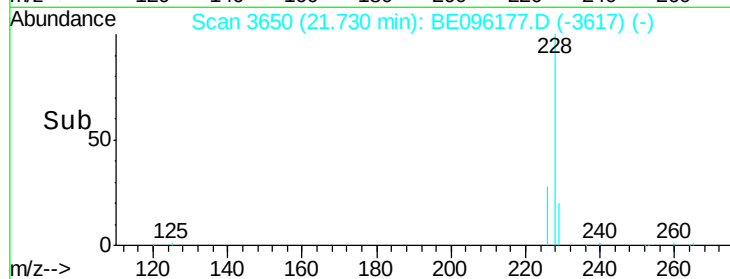
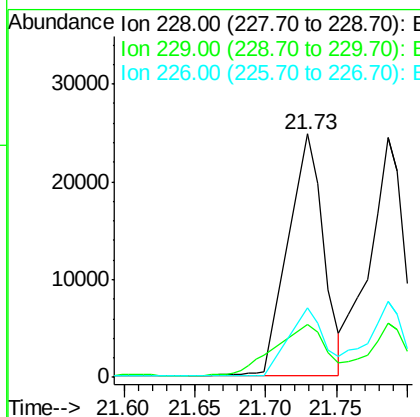
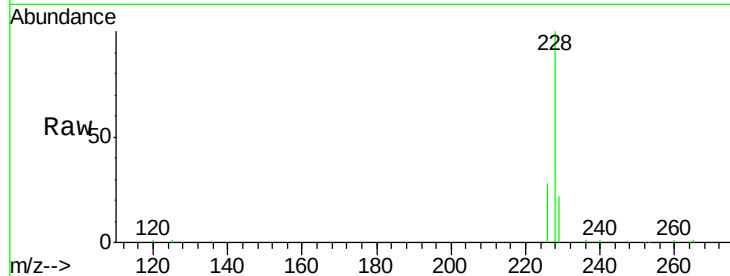
#18
Benzo(a)anthracene
Concen: 1.906 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BE096177.D
Acq: 26 Apr 2018 12:46

Instrument :
BNA_E
ClientSampleId :
DASP2DL

Tot Ion:228 Resp: 26849
Ion Ratio Lower Upper
228 100
229 21.5 22.8 34.2#
226 28.5 17.0 25.6#

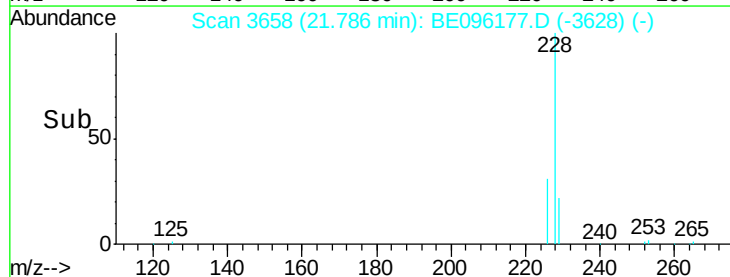
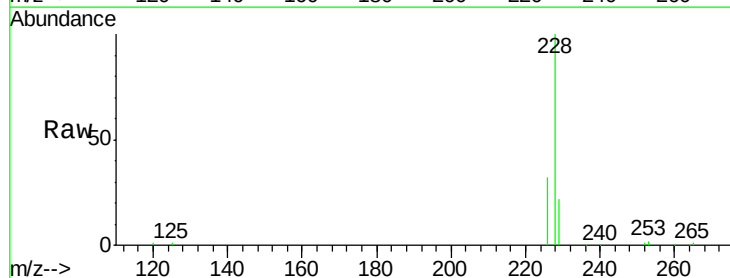
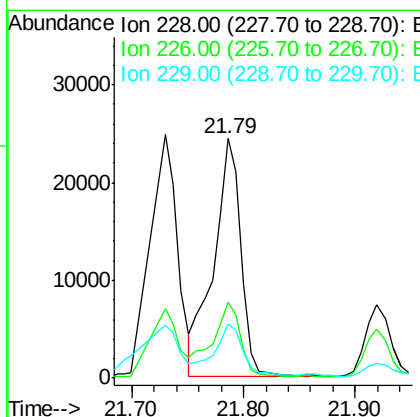
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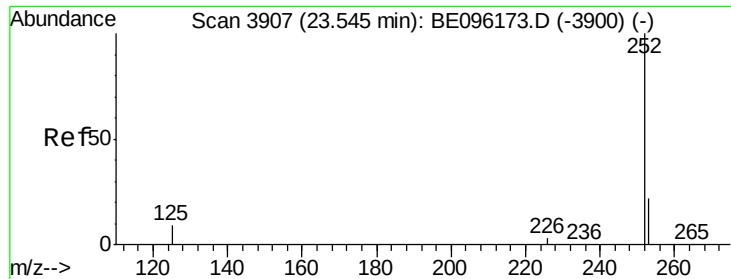
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#19
Chrysene
Concen: 3.234 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE096177.D
Acq: 26 Apr 2018 12:46

Tgt Ion:228 Resp: 41871
Ion Ratio Lower Upper
228 100
226 31.8 23.4 35.0
229 22.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 5.909 ng/ul m

RT: 23.55 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Instrument :

BNA_E

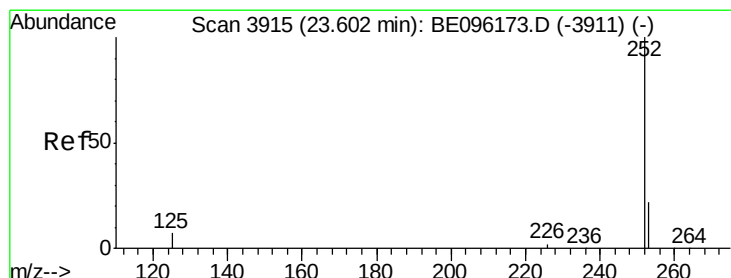
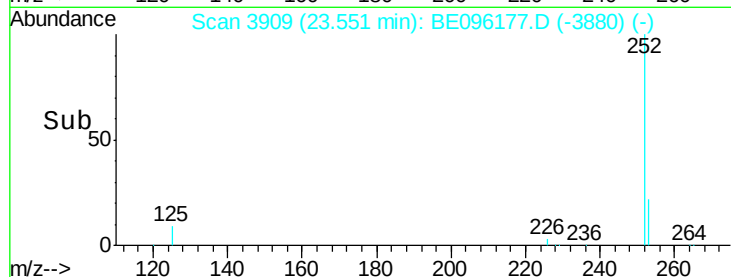
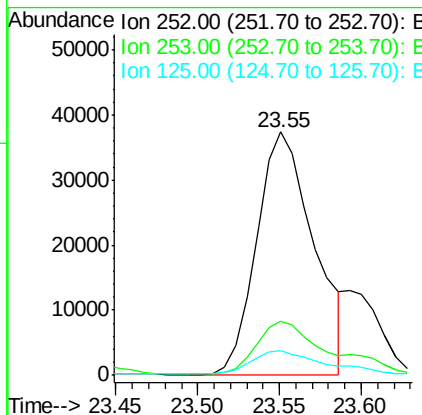
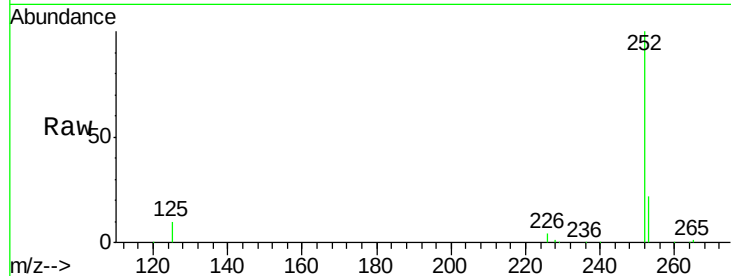
ClientSampled :

DASP2DL

Tot Ion:	252	Resp:	92155
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	64.2
125	10.0	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 1.342 ng/ul m

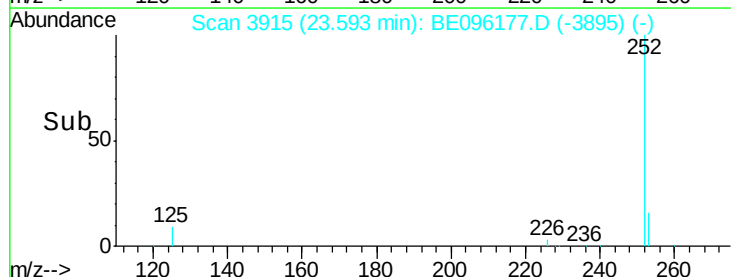
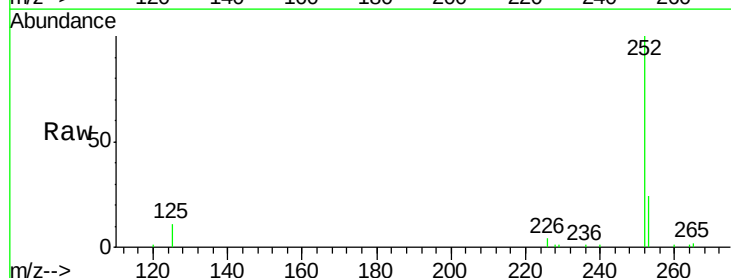
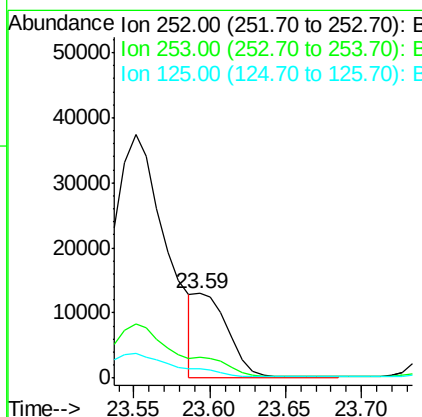
RT: 23.59 min Scan# 3915

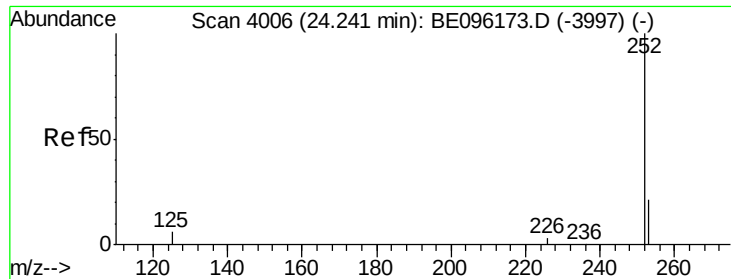
Delta R.T. -0.01 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Tgt Ion:	252	Resp:	20015
Ion Ratio	Lower	Upper	
252	100		
253	24.3	24.5	36.7#
125	10.9	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 3.977 ng/ul

RT: 24.24 min Scan# 4007

Delta R.T. -0.00 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Instrument :

BNA_E

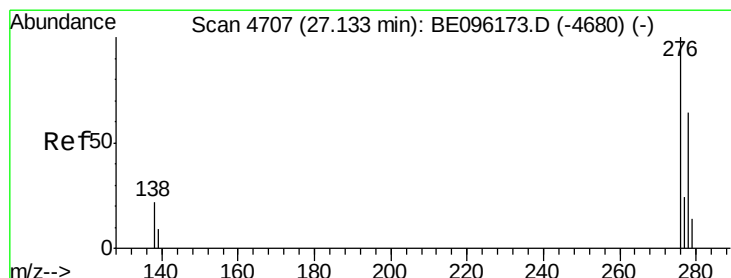
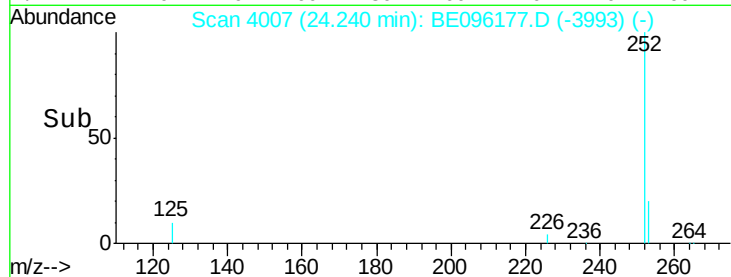
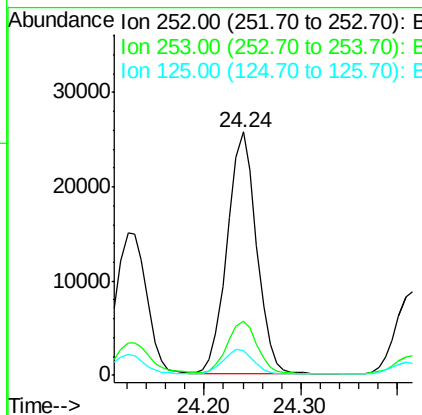
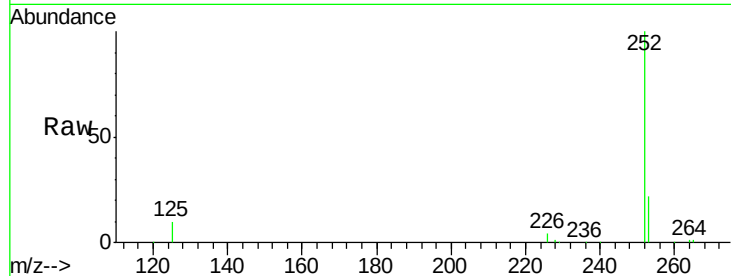
ClientSampleId :

DASP2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	28.5	42.7#
125	10.2	18.1	27.1#

Manual Integrations
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Sohil
4/27/2018 7:28:44 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.603 ng/ul

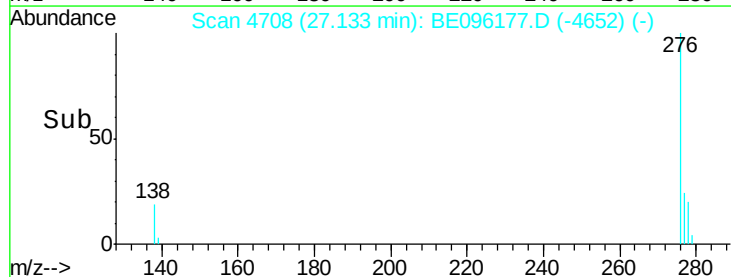
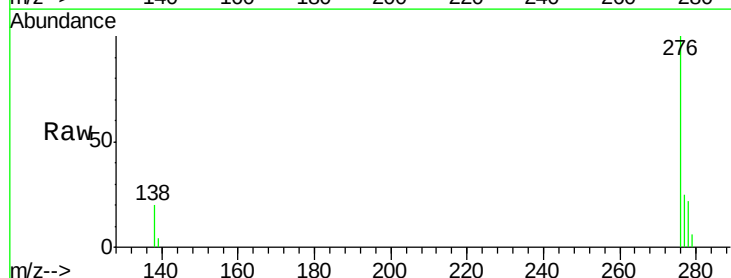
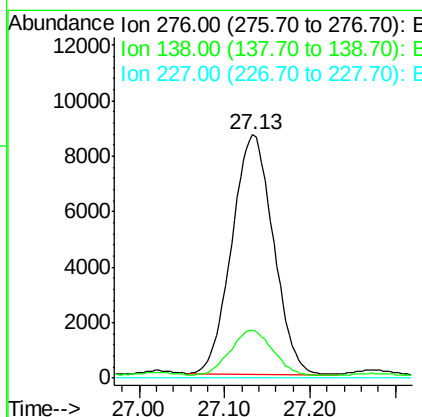
RT: 27.13 min Scan# 4708

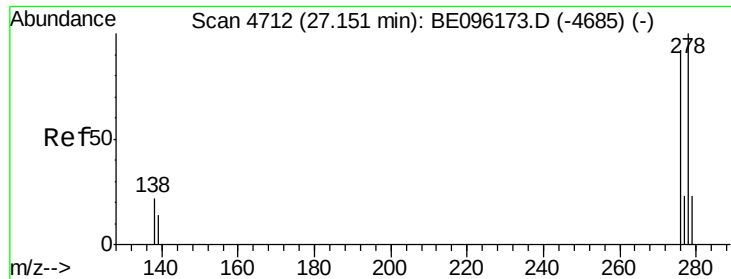
Delta R.T. -0.00 min

Lab File: BE096177.D

Acq: 26 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	28.0	42.0#
227	0.0	8.0	12.0#





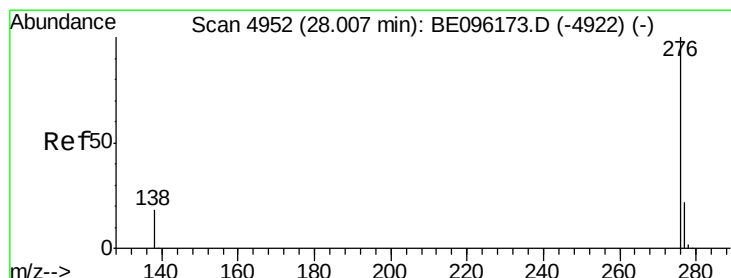
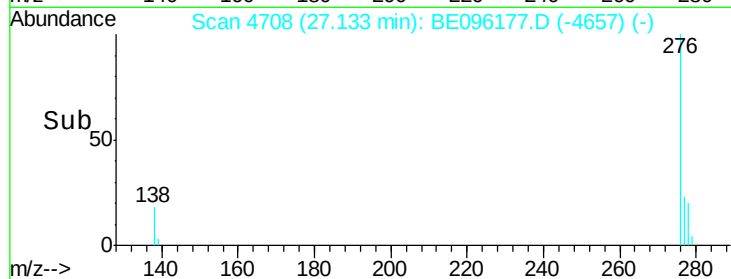
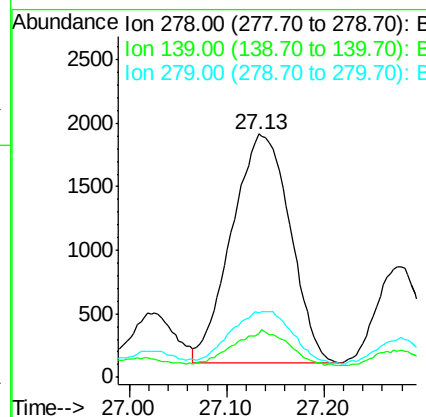
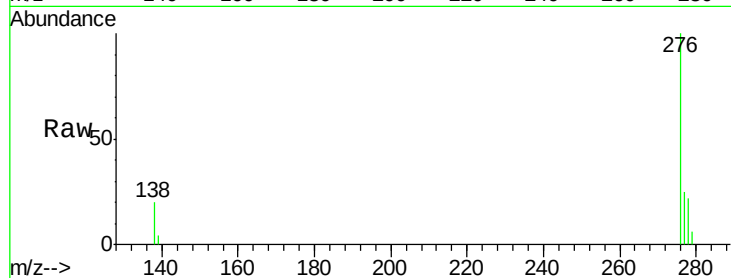
#25
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul
RT: 27.13 min Scan# 4708
Delta R.T. -0.02 min
Lab File: BE096177.D
Acq: 26 Apr 2018 12:46

Instrument :
BNA_E
ClientSampled :
DASP2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	17.4	26.0
279	26.6	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/27/2018 7:28:44 PM



#26
Benzo(g,h,i)perylene
Concen: 1.335 ng/ul
RT: 28.00 min Scan# 4951
Delta R.T. -0.01 min
Lab File: BE096177.D
Acq: 26 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	21.8	32.8#
277	24.4	20.5	30.7

