

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096145.D
 Acq On : 25 Apr 2018 13:16
 Operator : SJ/JU
 Sample : J2431-26
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASM6

Manual Integrations
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 4/26/2018 6:19:35 PM

Quant Time: Apr 26 04:31:24 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	673	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2486	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1383	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3900	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5510	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	4499	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1173	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	6079	0.34	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.23	128	1720	0.248	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	1104	0.238	ng/ul	98
7) Acenaphthylene	14.67	152	2619	0.367	ng/ul	98
9) Fluorene	15.97	166	1806	0.266	ng/ul	89
11) Pentachlorophenol	17.31	266	160	0.170	ng/ul	92
12) Phenanthrene	17.70	178	6530	0.569	ng/ul#	89
13) Anthracene	17.79	178	1722	0.149	ng/ul#	91
15) Fluoranthene	19.67	202	7799	0.444	ng/ul	84
17) Pyrene	20.02	202	4895	0.443	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	9778	0.586	ng/ul#	86
19) Chrysene	21.79	228	6938	0.453	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	5148	0.302	ng/ul	91
22) Benzo(k)fluoranthene	23.60	252	8399m	0.516	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.13	276	7171	0.360	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.15	278	6428	0.385	ng/ul	92
26) Benzo(g,h,i)perylene	27.99	276	9336	0.538	ng/ul	93

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

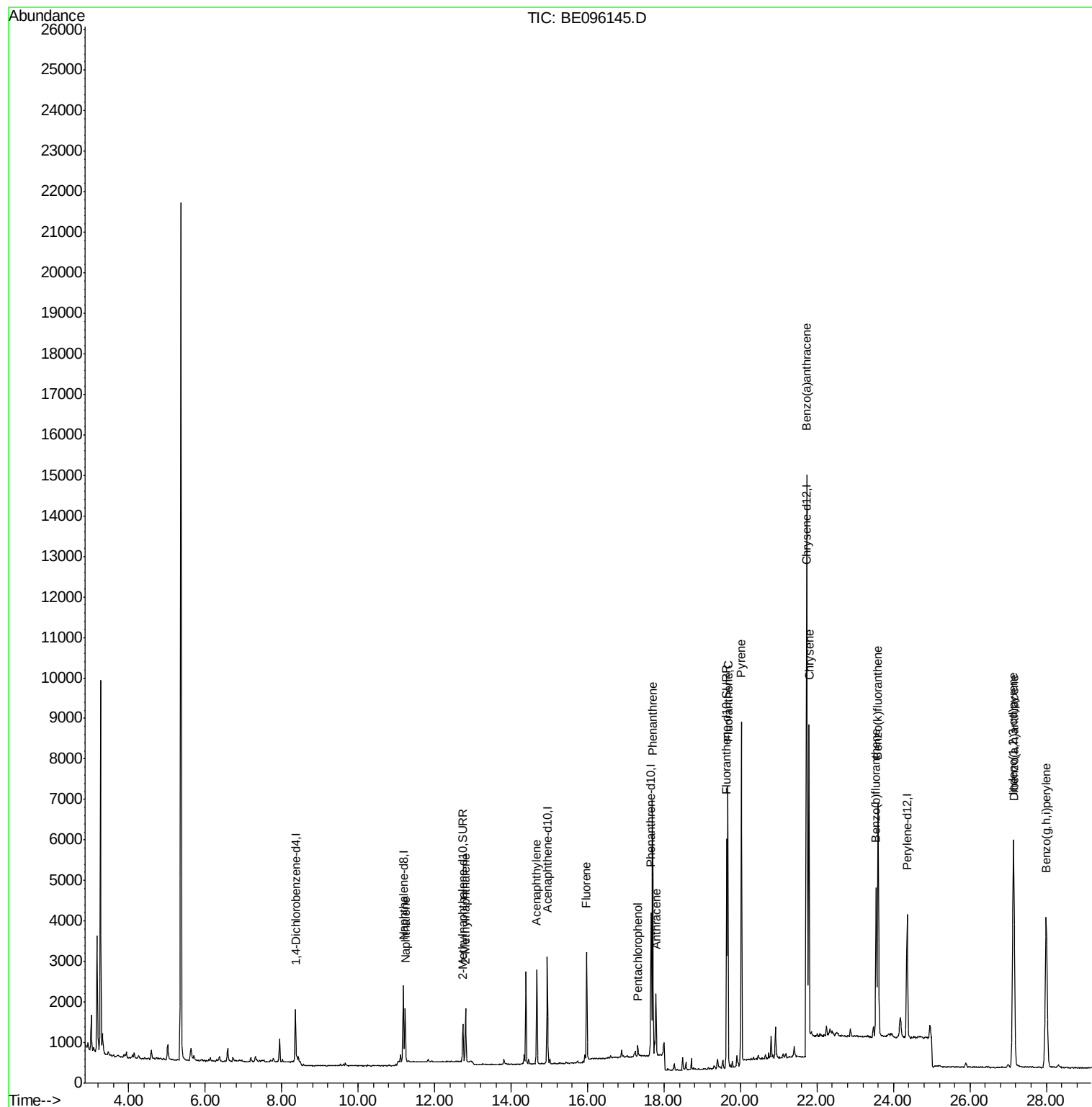
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
Data File : BE096145.D
Acq On : 25 Apr 2018 13:16
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Misc :
ALS Vial : 6 Sample Multiplier: 1

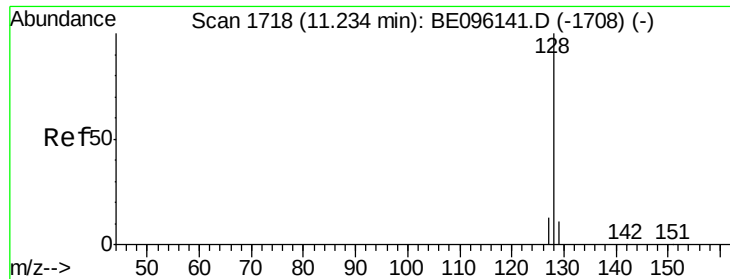
Instrument :
BNA_E
ClientSampled :
DASM6

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Quant Time: Apr 26 04:31:24 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





#3

Naphthalene

Concen: 0.248 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BE096145.D

Acq: 25 Apr 2018 13:16

Instrument :

BNA_E

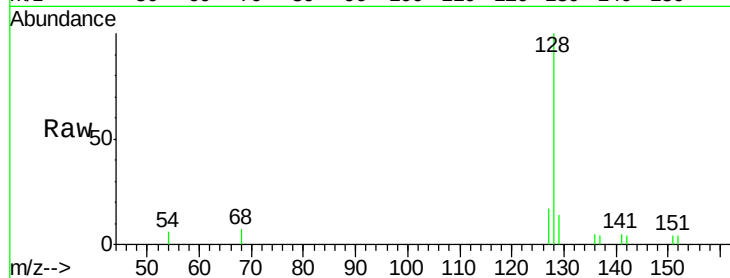
ClientSampleId :

DASM6

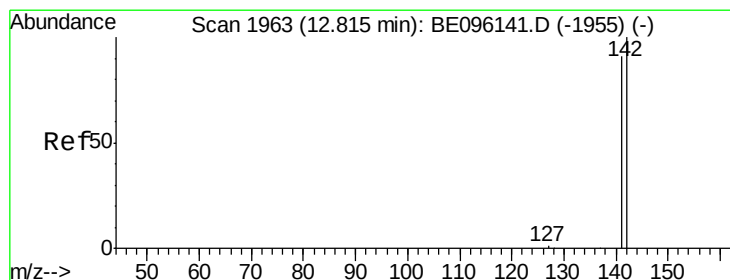
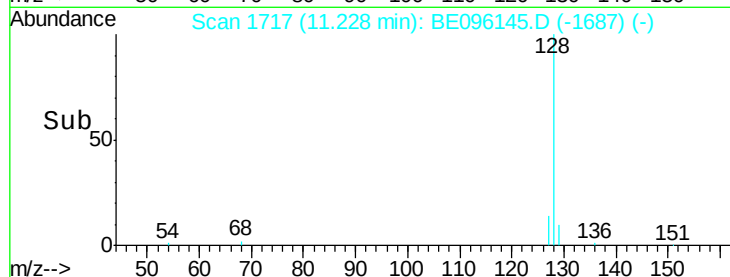
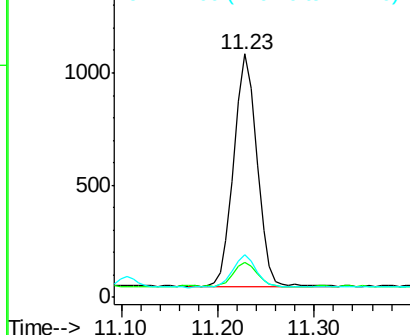
Tgt Ion:	128	Resp:	1720
Ion Ratio	Lower	Upper	
128	100		
129	14.5	11.3	16.9
127	17.2	4.0	6.0#

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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: 0.238 ng/ul

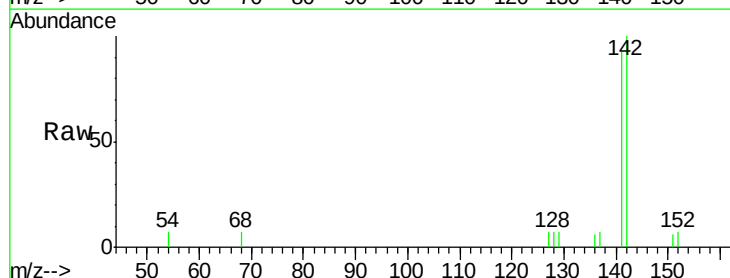
RT: 12.81 min Scan# 1962

Delta R.T. -0.01 min

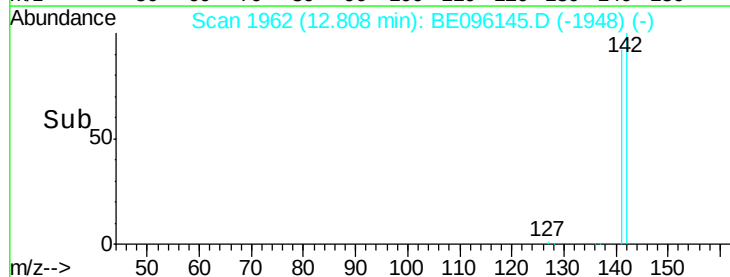
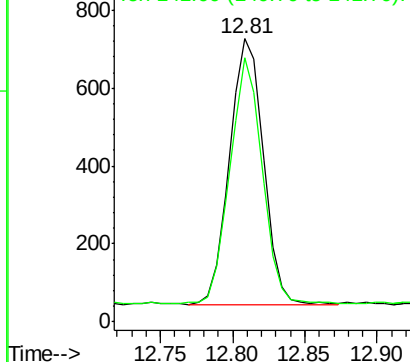
Lab File: BE096145.D

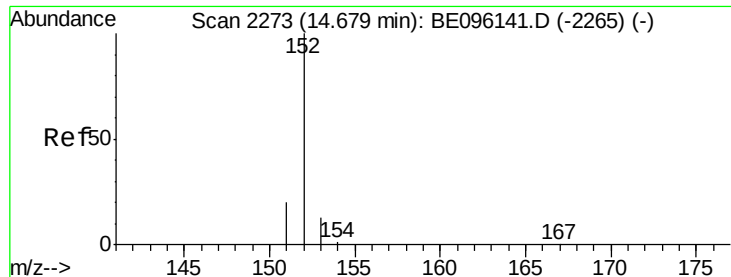
Acq: 25 Apr 2018 13:16

Tgt Ion:	142	Resp:	1104
Ion Ratio	Lower	Upper	
142	100		
141	89.0	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: 0.367 ng/ul

RT: 14.67 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BE096145.D

Acq: 25 Apr 2018 13:16

Instrument :

BNA_E

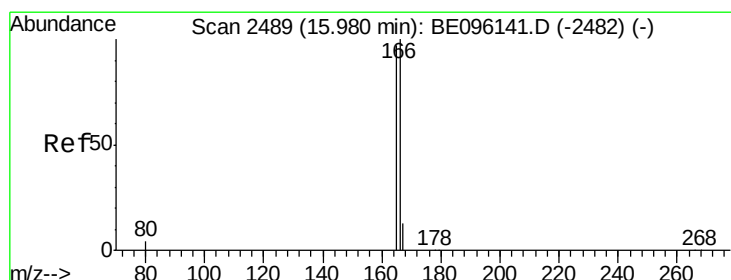
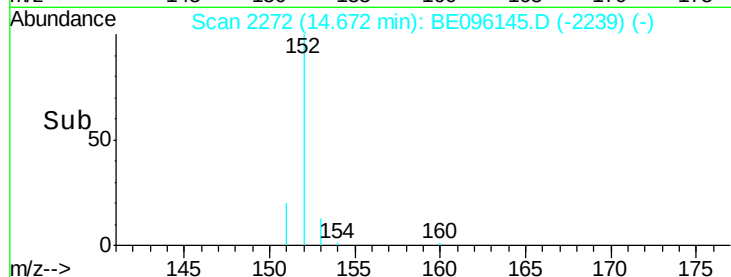
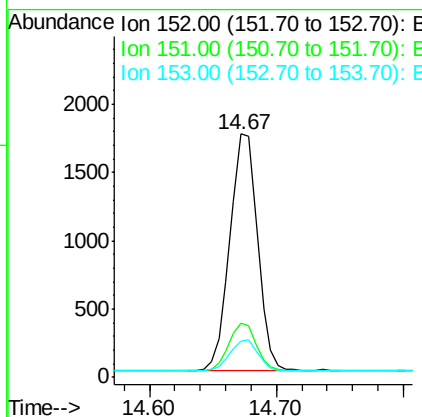
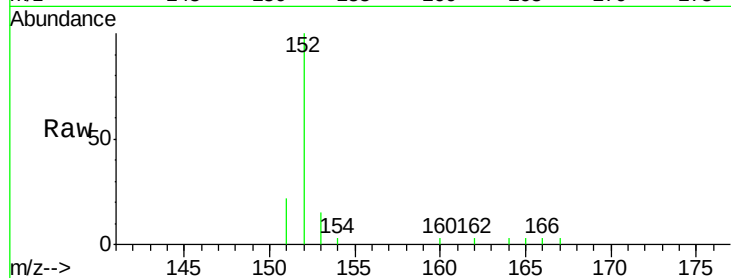
ClientSampleId :

DASM6

Tgt Ion:	152	Resp:	2619
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.1	25.7
153	14.9	12.8	19.2

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#9

Fluorene

Concen: 0.266 ng/ul

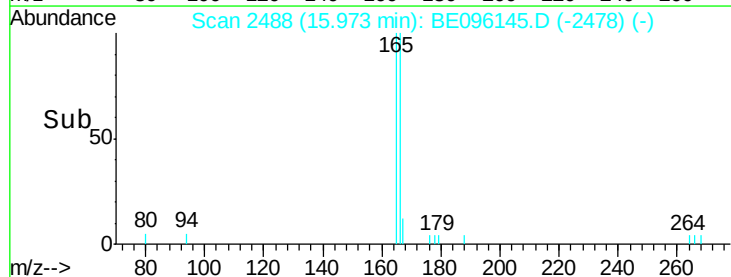
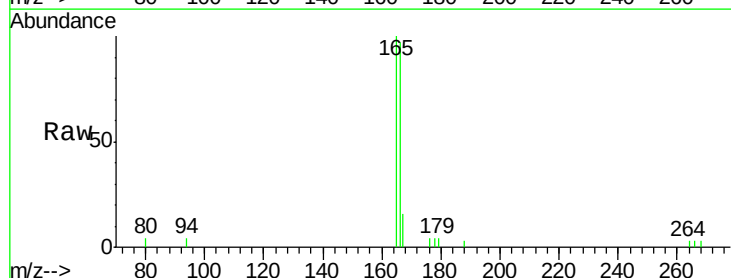
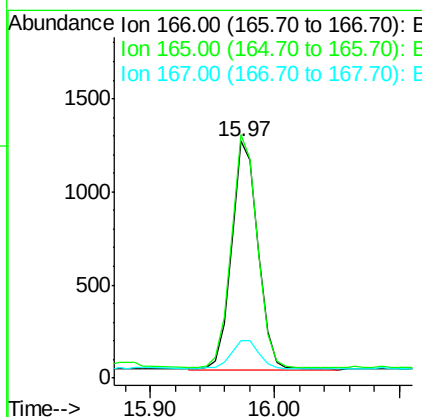
RT: 15.97 min Scan# 2488

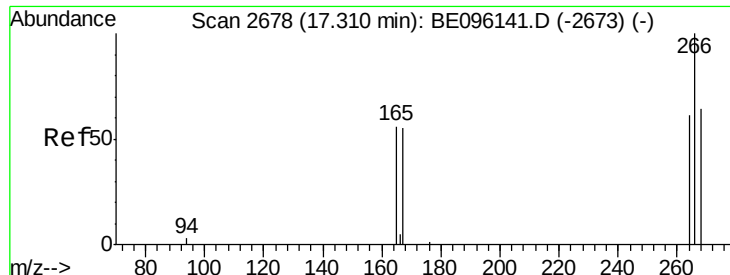
Delta R.T. -0.01 min

Lab File: BE096145.D

Acq: 25 Apr 2018 13:16

Tgt Ion:	166	Resp:	1806
Ion Ratio	Lower	Upper	
166	100		
165	102.8	73.4	110.2
167	16.0	14.6	22.0





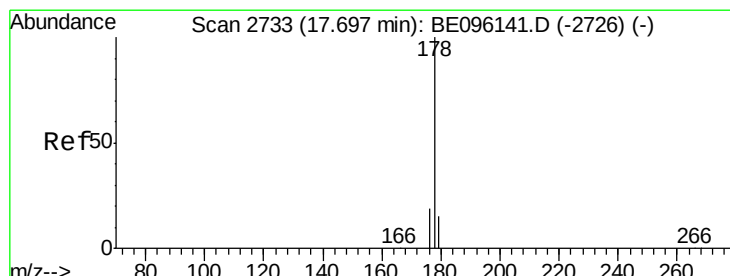
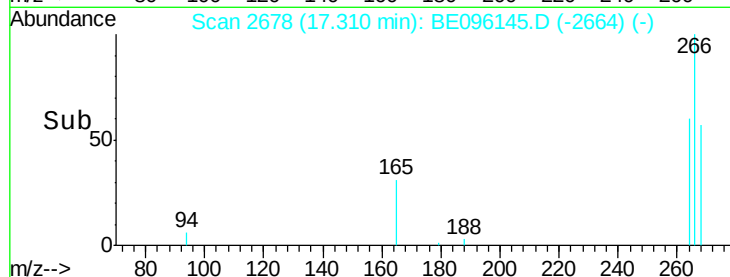
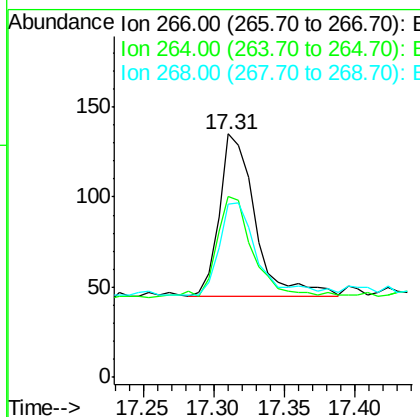
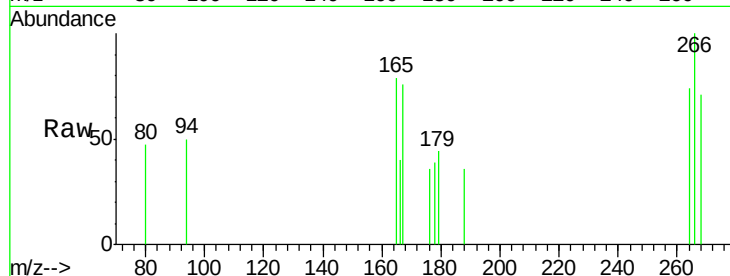
#11
 Pentachlorophenol
 Concen: 0.170 ng/ul
 RT: 17.31 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: BE096145.D
 Acq: 25 Apr 2018 13:16

Instrument :
 BNA_E
 ClientSampleId :
 DASM6

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.1	47.9	71.9
268	58.8	49.8	74.8

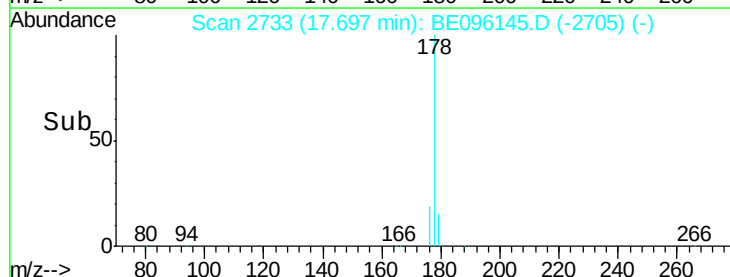
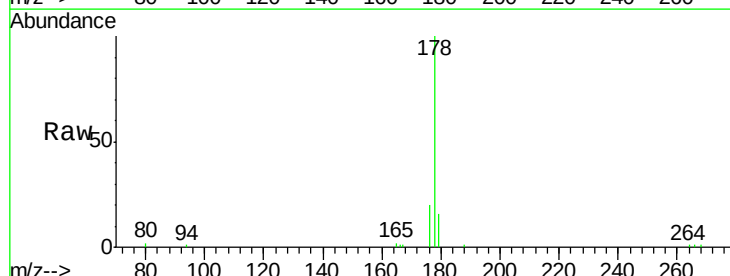
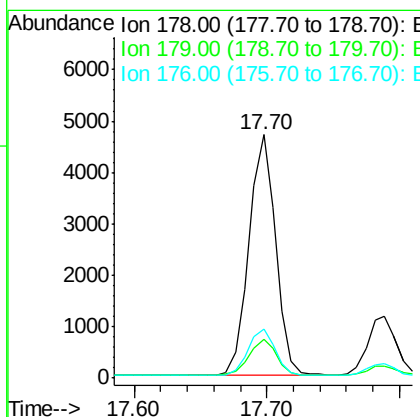
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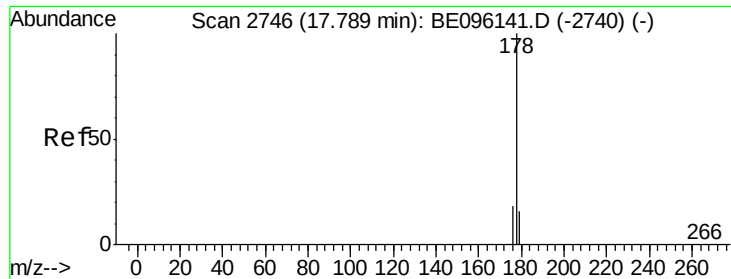
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#12
 Phenanthrene
 Concen: 0.569 ng/ul
 RT: 17.70 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BE096145.D
 Acq: 25 Apr 2018 13:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	19.9	13.6	20.4





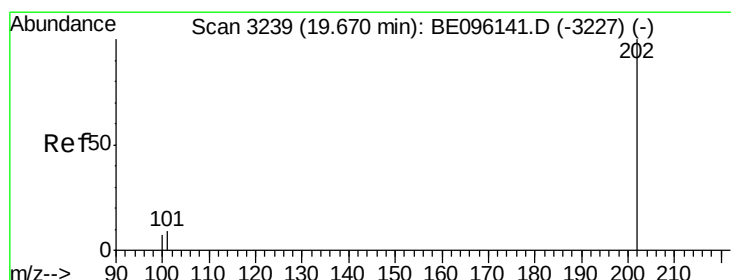
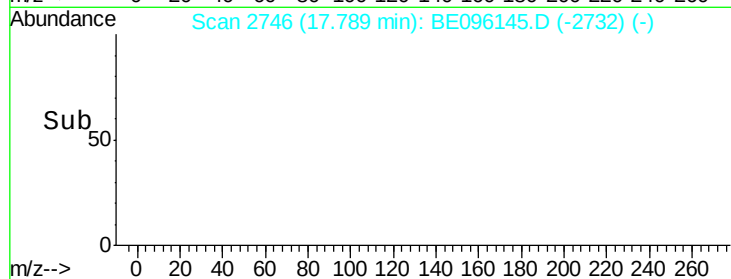
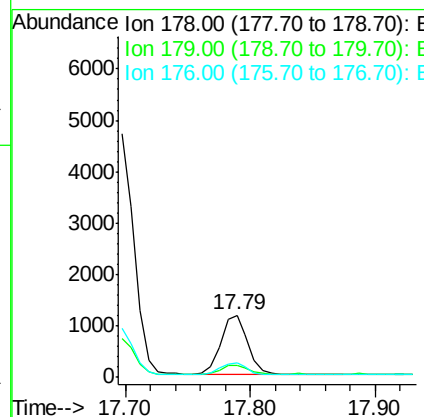
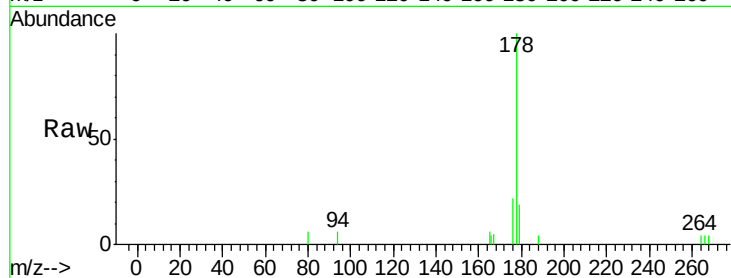
#13
 Anthracene
 Concen: 0.149 ng/ul
 RT: 17.79 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: BE096145.D
 Acq: 25 Apr 2018 13:16

Instrument :
 BNA_E
 ClientSampleId :
 DASM6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.1	27.1
176	22.5	14.7	22.1#

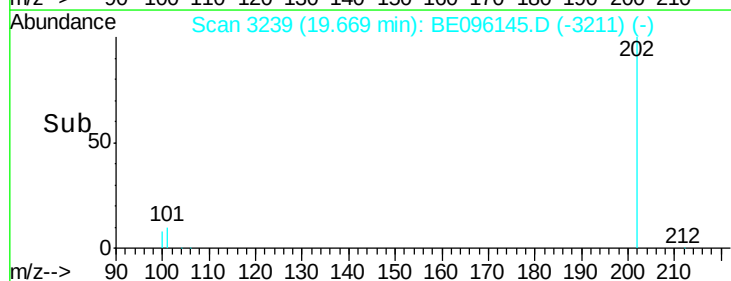
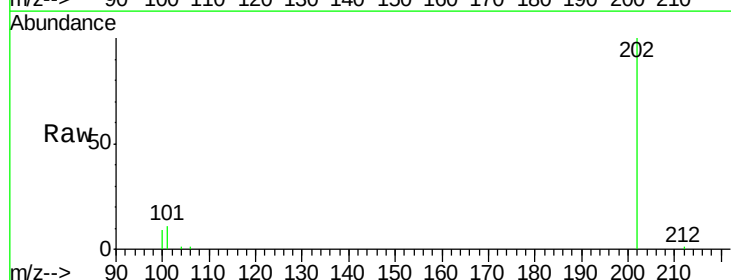
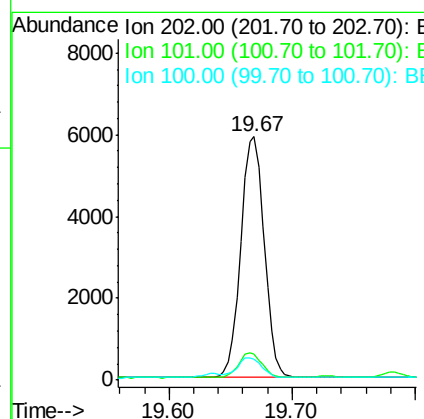
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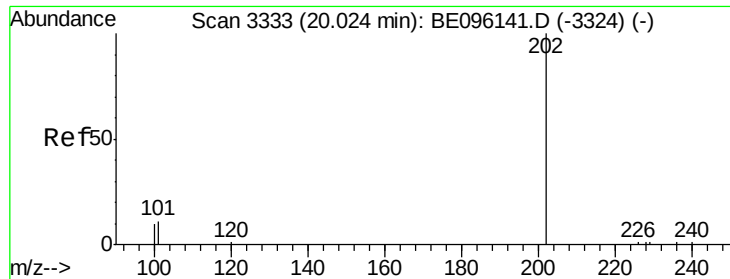
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#15
 Fluoranthene
 Concen: 0.444 ng/ul
 RT: 19.67 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: BE096145.D
 Acq: 25 Apr 2018 13:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.6	0.0	39.5





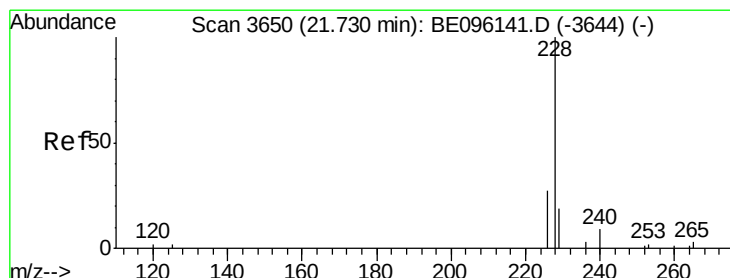
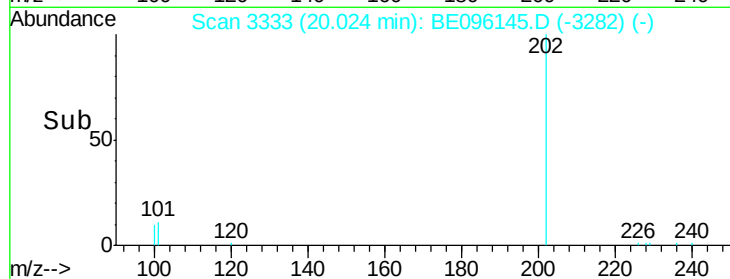
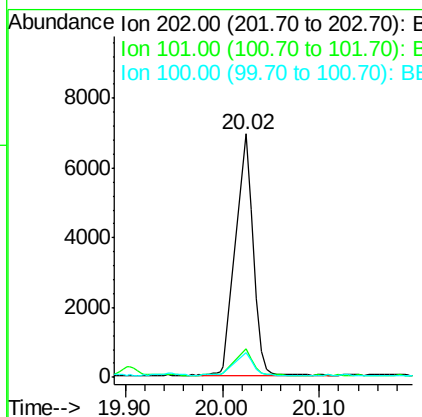
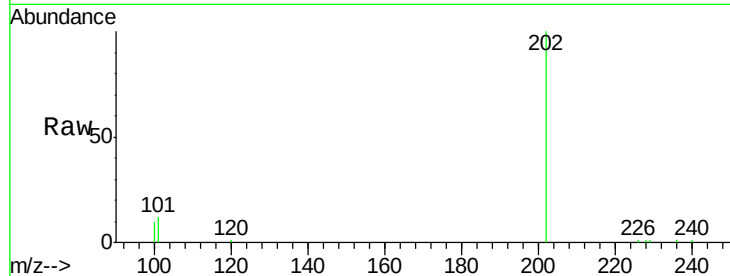
#17
 Pyrene
 Concen: 0.443 ng/ul
 RT: 20.02 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: BE096145.D
 Acq: 25 Apr 2018 13:16

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4895		
101	11.6	18.2	27.4#	
100	10.3	15.6	23.4#	

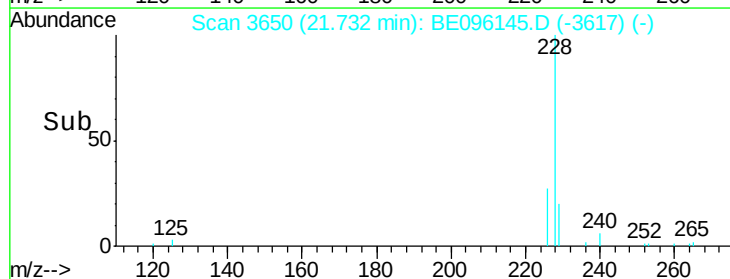
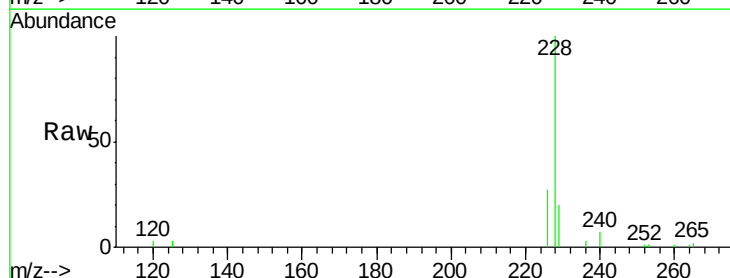
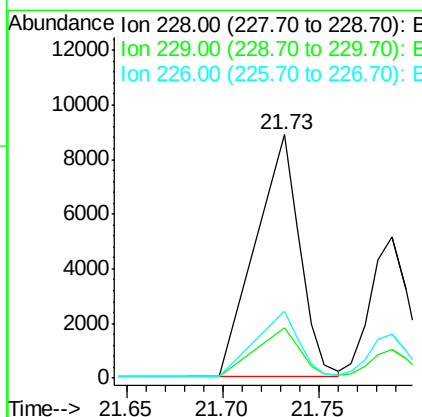
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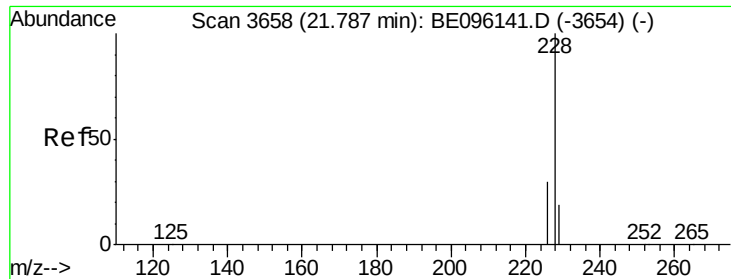
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#18
 Benzo(a)anthracene
 Concen: 0.586 ng/ul
 RT: 21.73 min Scan# 3650
 Delta R.T. 0.00 min
 Lab File: BE096145.D
 Acq: 25 Apr 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	9778		
229	20.5	22.8	34.2#	
226	27.3	17.0	25.6#	





#19

Chrysene

Concen: 0.453 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BE096145.D

Acq: 25 Apr 2018 13:16

Instrument :

BNA_E

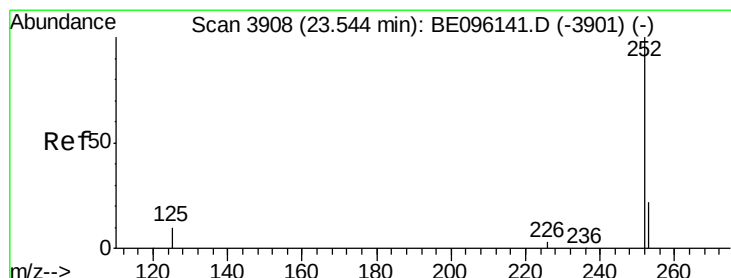
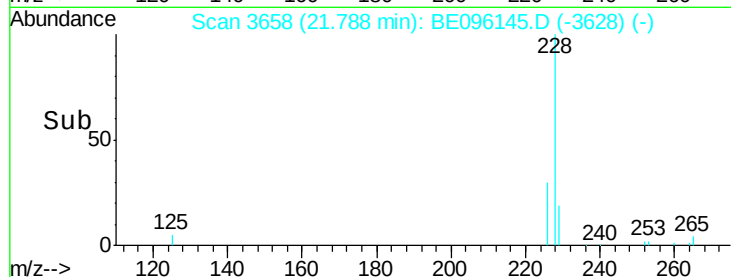
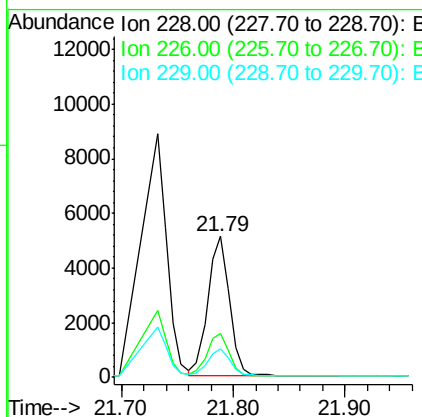
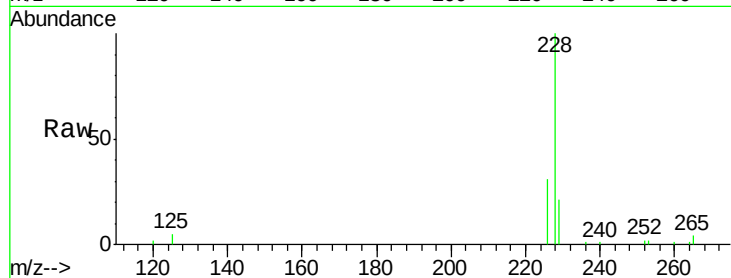
ClientSampleId :

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Tgt Ion:	228	Resp:	6938
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.0
229	20.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.302 ng/ul

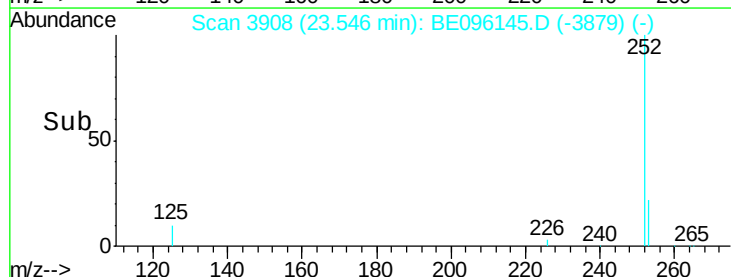
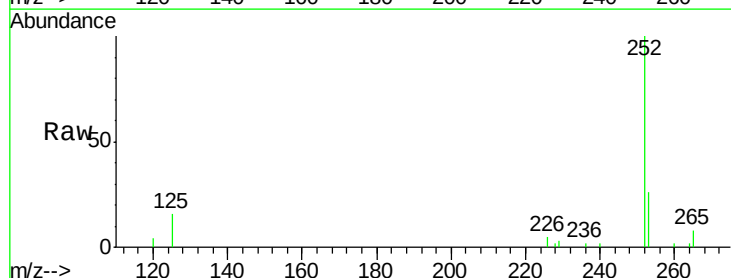
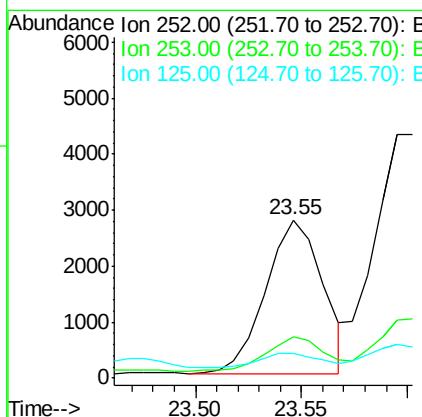
RT: 23.55 min Scan# 3908

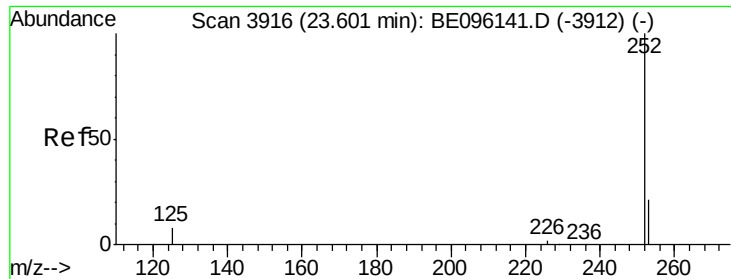
Delta R.T. 0.00 min

Lab File: BE096145.D

Acq: 25 Apr 2018 13:16

Tgt Ion:	252	Resp:	5148
Ion Ratio	Lower	Upper	
252	100		
253	25.8	0.0	64.2
125	16.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.516 ng/ul m

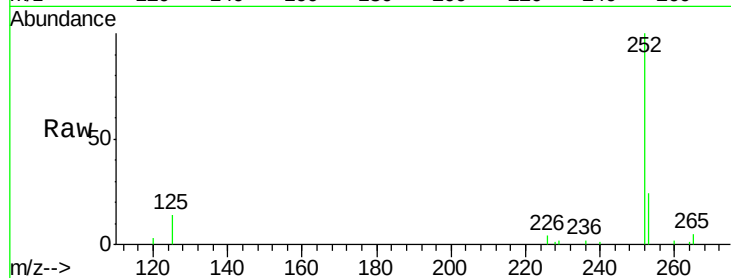
RT: 23.60 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BE096145.D

Acq: 25 Apr 2018 13:16

Instrument :
BNA_E
ClientSampleId :
DASM6

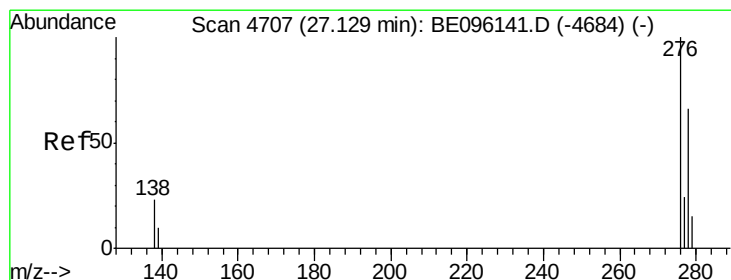
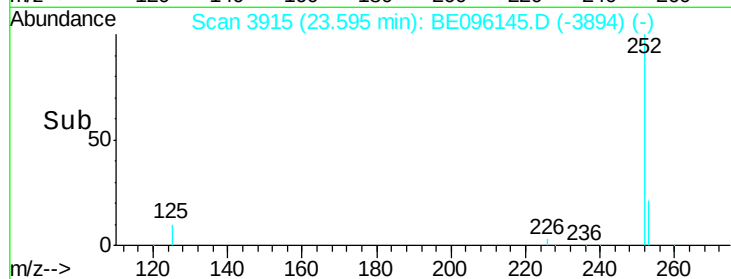
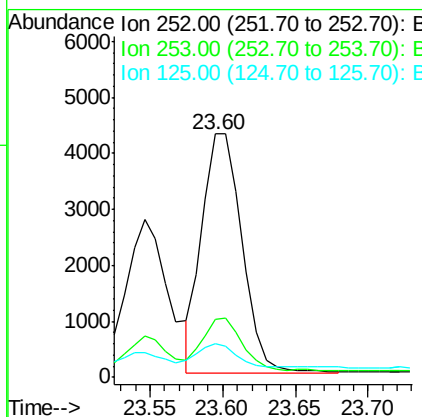


Tgt Ion: 252 Resp: 8399

Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	14.1	13.7	20.5

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/ul

RT: 27.13 min Scan# 4708

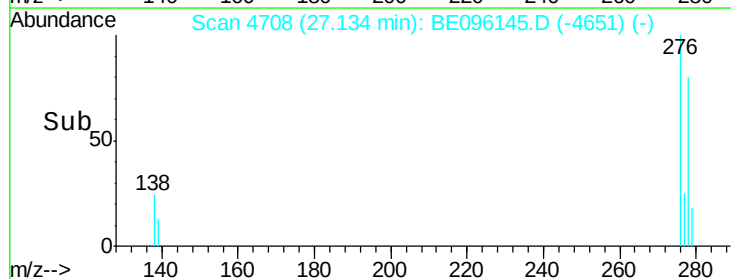
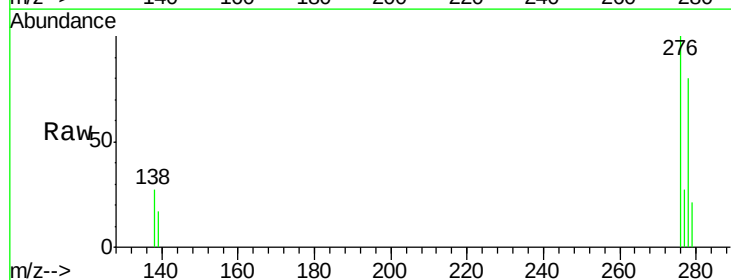
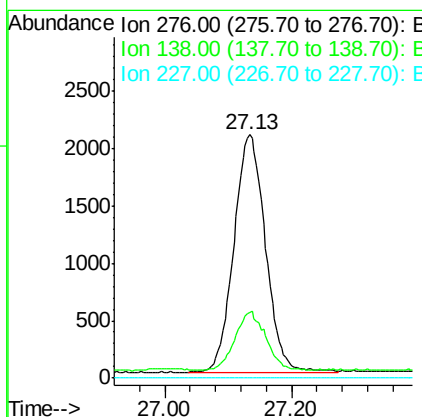
Delta R.T. 0.00 min

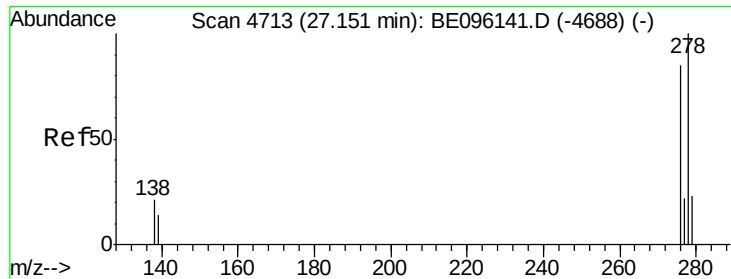
Lab File: BE096145.D

Acq: 25 Apr 2018 13:16

Tgt Ion: 276 Resp: 7171

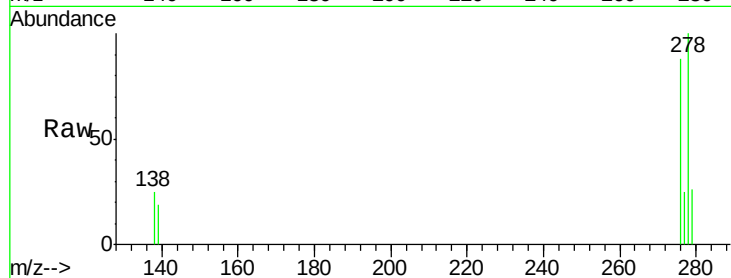
Ion	Ratio	Lower	Upper
276	100		
138	24.2	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 27.15 min Scan# 4712
Delta R.T. -0.00 min
Lab File: BE096145.D
Acq: 25 Apr 2018 13:16

Instrument :
BNA_E
ClientSampled :
DASM6

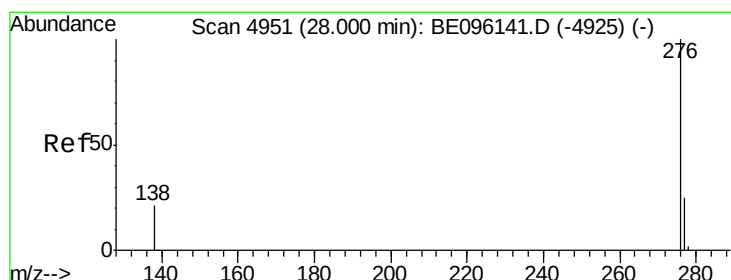
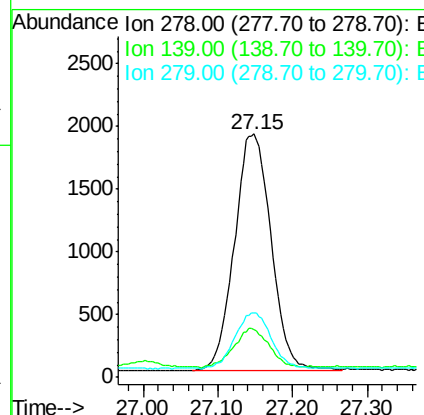
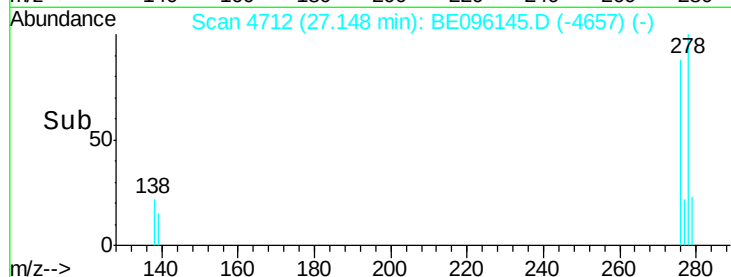


Tgt Ion: 278 Resp: 6428

Ion	Ratio	Lower	Upper
278	100		
139	19.5	17.4	26.0
279	26.4	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:19:35 PM



#26
Benzo(g,h,i)perylene
Concen: 0.538 ng/ul
RT: 27.99 min Scan# 4949
Delta R.T. -0.01 min
Lab File: BE096145.D
Acq: 25 Apr 2018 13:16

Tgt Ion: 276 Resp: 9336

Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.8	32.8
277	24.1	20.5	30.7

