

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096169.D
 Acq On : 26 Apr 2018 3:56
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5

Manual Integrations
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Quant Time: Apr 26 16:48:12 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	975	0.40	ng/ul	0.00
2) Naphthalene-d8	11.19	136	3927	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	12566	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.71	188	4757m	0.40	ng/ul	0.06
16) Chrysene-d12	21.78	240	5423m	0.40	ng/ul	0.04
20) Perylene-d12	24.39	264	3942m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1361	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3313m	0.15	ng/ul	0.05
Target Compounds					Qvalue	
3) Naphthalene	11.26	128	2737368	250.343	ng/ul#	88
5) 2-Methylnaphthalene	12.85	142	3161635	431.561	ng/ul	99
7) Acenaphthylene	14.68	152	160750	2.482	ng/ul#	96
8) Acenaphthene	15.05	153	5216833	111.694	ng/ul	96
9) Fluorene	16.02	166	4896439	79.231	ng/ul#	89
11) Pentachlorophenol	17.37	266	1039	0.908	ng/ul	90
12) Phenanthrene	17.76	178	15808649	1128.736	ng/ul#	88
13) Anthracene	17.84	178	4113399	292.742	ng/ul#	91
15) Fluoranthene	19.74	202	13132580	613.439	ng/ul	79
17) Pyrene	20.08	202	11774623	1082.287	ng/ul#	80
18) Benzo(a)anthracene	21.77	228	3956563m	240.987	ng/ul	
19) Chrysene	21.83	228	2482614	164.556	ng/ul	95
21) Benzo(b)fluoranthene	23.59	252	1918078m	128.502	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	699596m	49.028	ng/ul	
23) Benzo(a)pyrene	24.29	252	1275263	98.343	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.18	276	464584	26.589	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.18	278	136286m	9.316	ng/ul	
26) Benzo(g,h,i)perylene	28.05	276	377529	24.823	ng/ul#	90

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

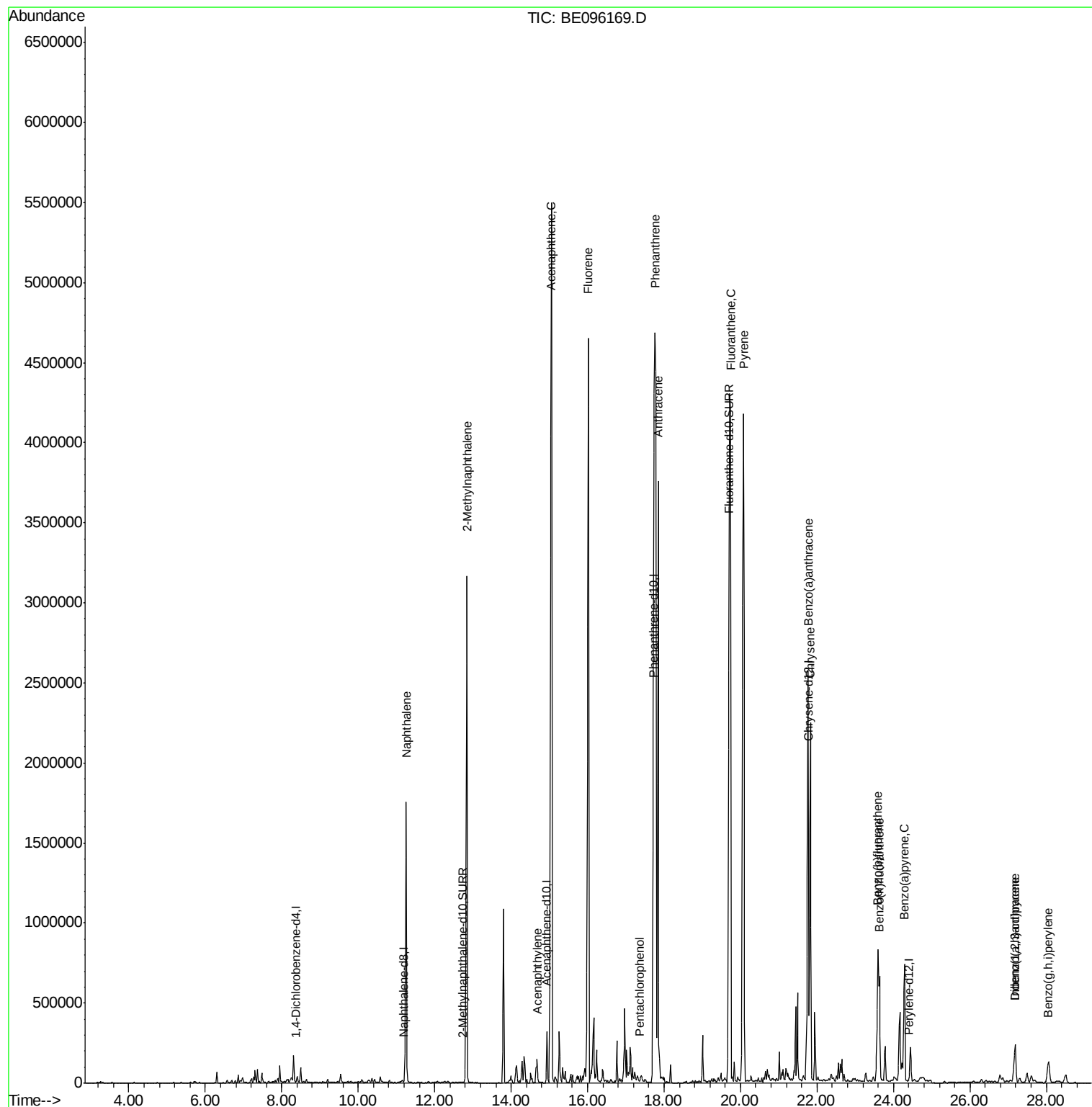
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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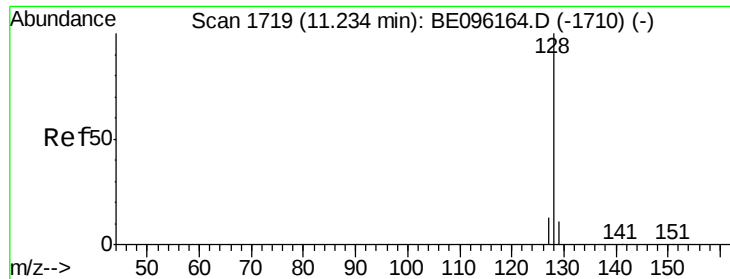
Instrument :
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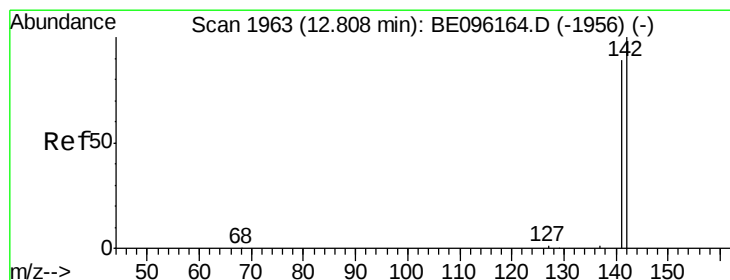
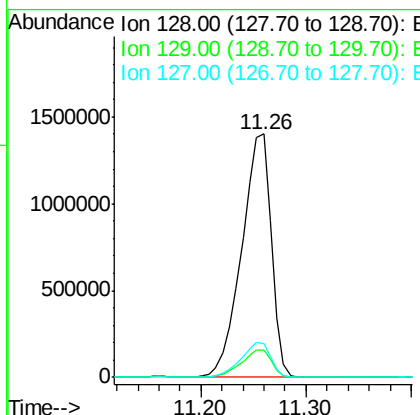
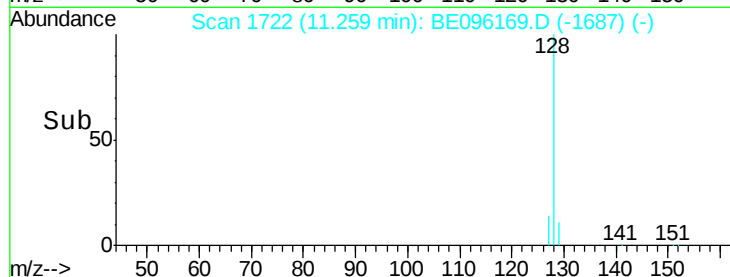
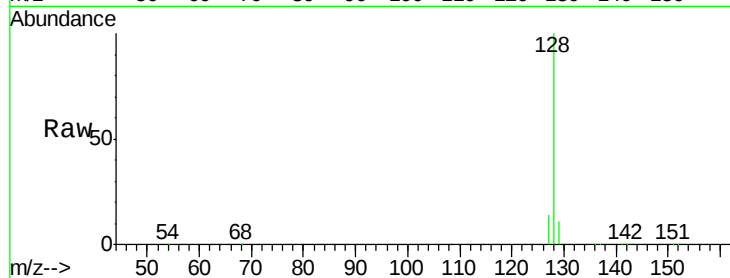
#3
Naphthalene
Concen: 250.343 ng/ul
RT: 11.26 min Scan# 1722
Delta R.T. 0.03 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Instrument :
BNA_E
ClientSampleId :
DASP5

Tgt Ion:128 Resp: 2737368
Ion Ratio Lower Upper
128 100
129 11.2 11.3 16.9#
127 13.9 4.0 6.0#

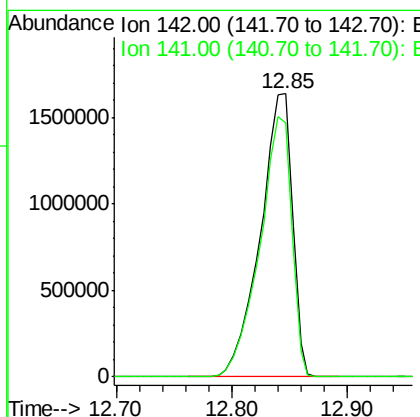
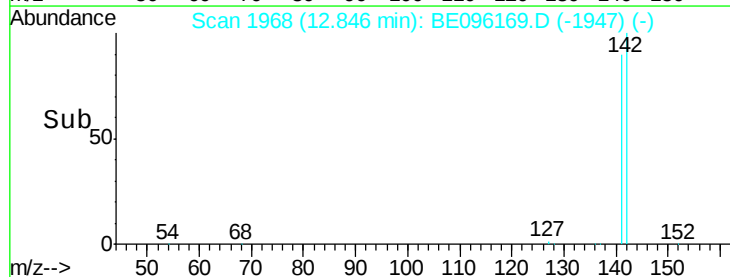
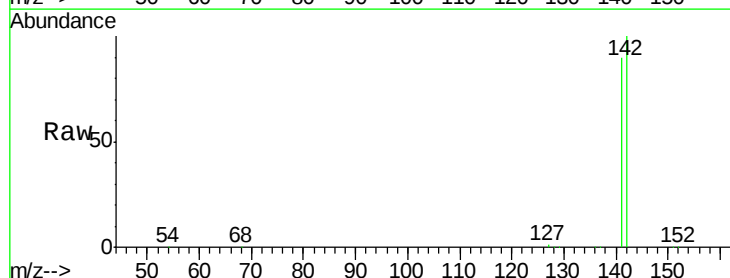
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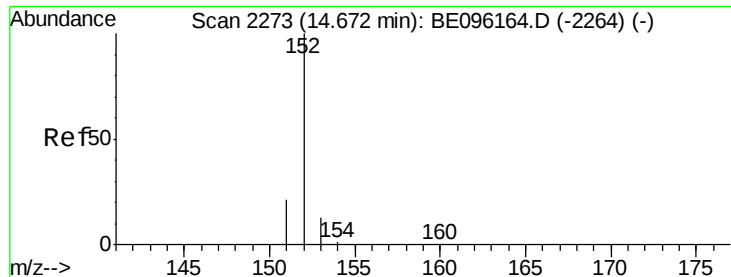
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#5
2-Methylnaphthalene
Concen: 431.561 ng/ul
RT: 12.85 min Scan# 1968
Delta R.T. 0.04 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Tgt Ion:142 Resp: 3161635
Ion Ratio Lower Upper
142 100
141 91.6 72.6 108.8





#7

Acenaphthylene

Concen: 2.482 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BE096169.D

Acq: 26 Apr 2018 3:56

Instrument :

BNA_E

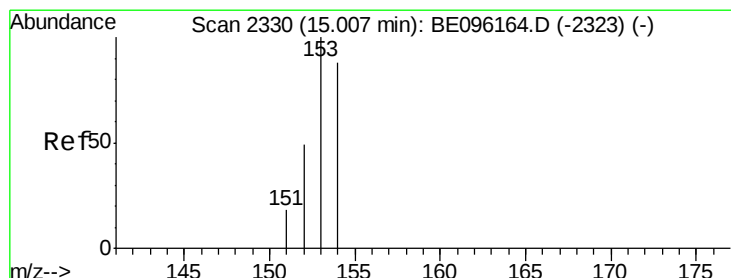
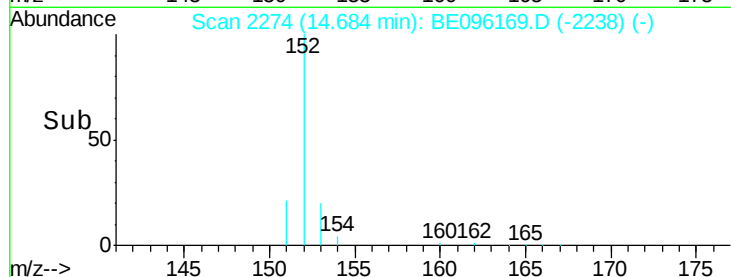
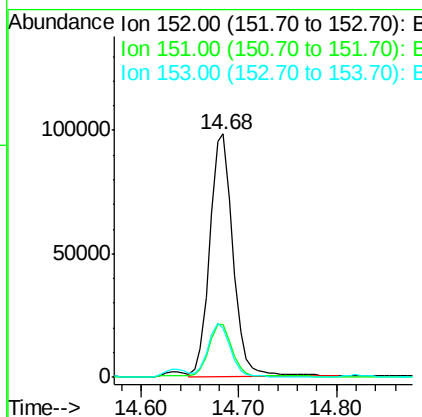
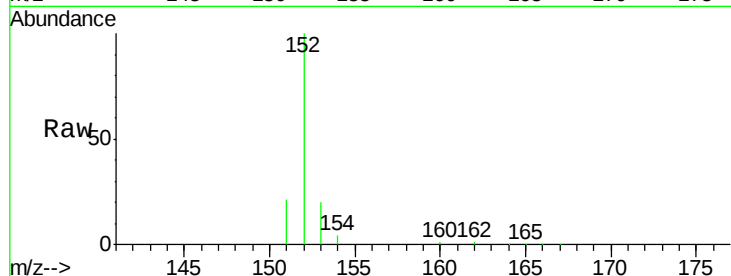
ClientSampled :

DASP5

Tgt Ion:	152	Resp:	160750
Ion Ratio		Lower	Upper
152	100		
151	21.5	17.1	25.7
153	20.3	12.8	19.2

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#8

Acenaphthene

Concen: 111.694 ng/ul

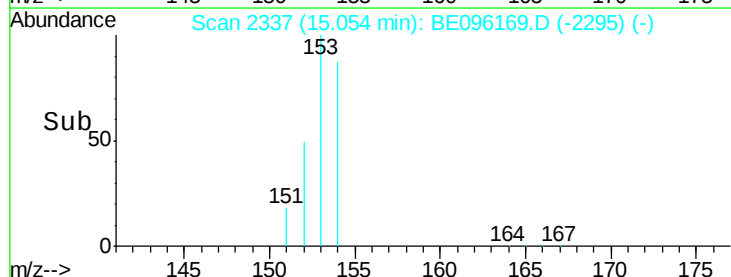
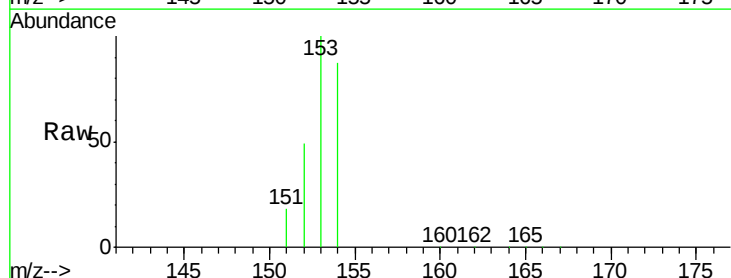
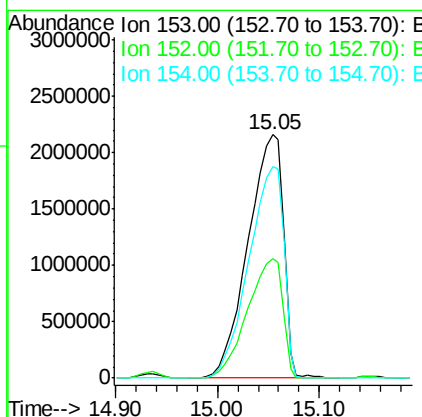
RT: 15.05 min Scan# 2337

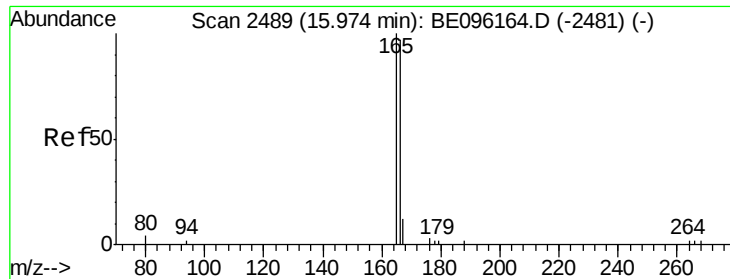
Delta R.T. 0.05 min

Lab File: BE096169.D

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Tgt Ion:	153	Resp:	5216833
Ion Ratio		Lower	Upper
153	100		
152	49.0	36.0	54.0
154	86.9	72.0	108.0





#9

Fluorene

Concen: 79.231 ng/ul

RT: 16.02 min Scan# 2495

Delta R.T. 0.05 min

Lab File: BE096169.D

Acq: 26 Apr 2018 3:56

Instrument :

BNA_E

ClientSampled :

DASP5

Tgt Ion:166 Resp: 4896439

Ion Ratio Lower Upper

166 100

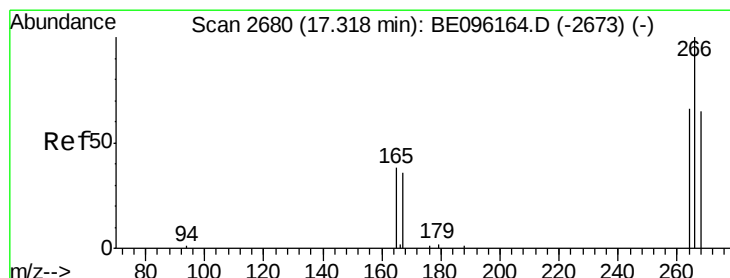
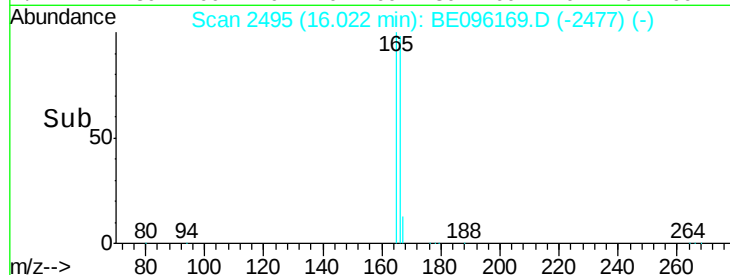
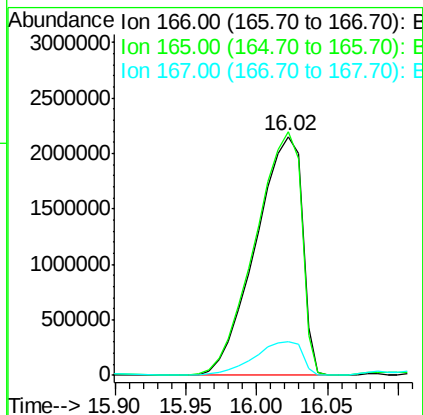
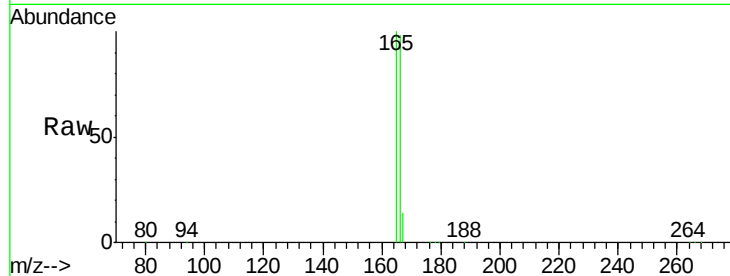
165 102.0 73.4 110.2

167 14.0 14.6 22.0#

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#11

Pentachlorophenol

Concen: 0.908 ng/ul

RT: 17.37 min Scan# 2686

Delta R.T. 0.05 min

Lab File: BE096169.D

Acq: 26 Apr 2018 3:56

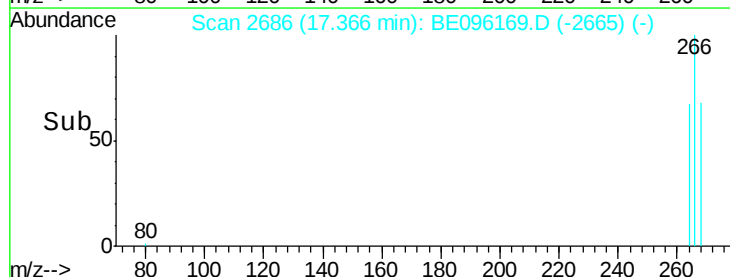
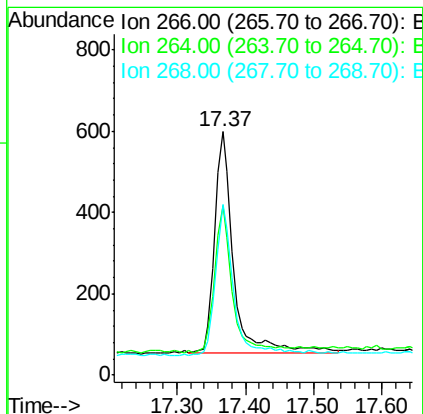
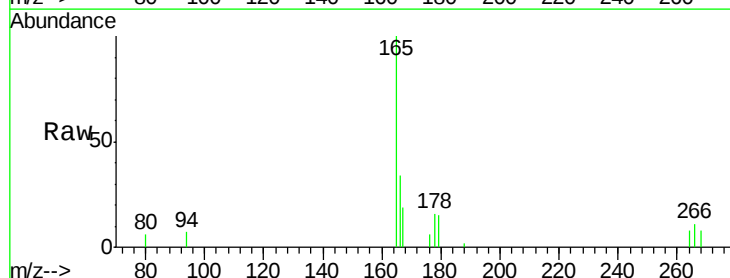
Tgt Ion:266 Resp: 1039

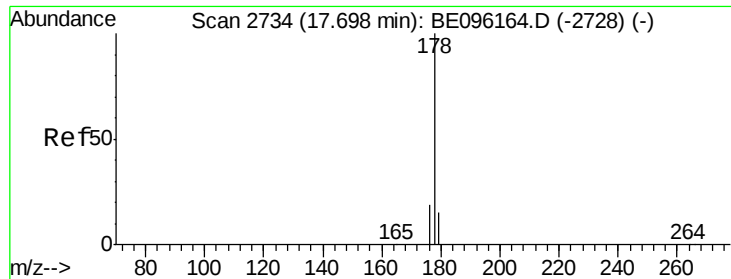
Ion Ratio Lower Upper

266 100

264 70.8 47.9 71.9

268 66.5 49.8 74.8





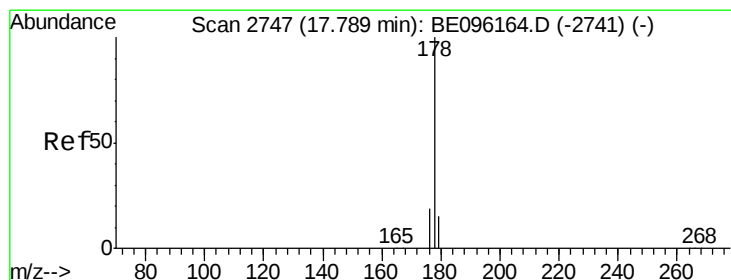
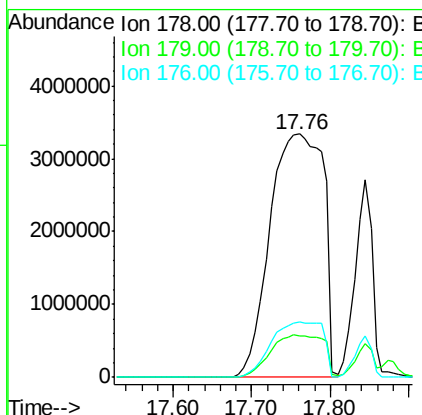
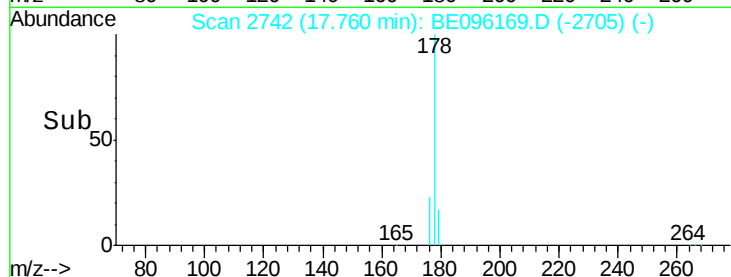
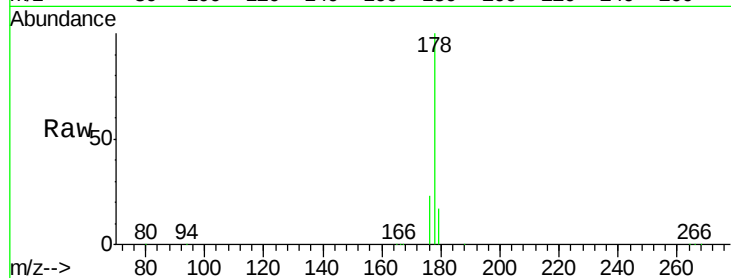
#12
Phenanthrene
Concen: 1128.736 ng/u1
RT: 17.76 min Scan# 2742
Delta R.T. 0.06 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Instrument :
BNA_E
ClientSampleId :
DASP5

Tgt Ion:178 Resp:15808649
Ion Ratio Lower Upper
178 100
179 17.2 18.4 27.6#
176 22.6 13.6 20.4#

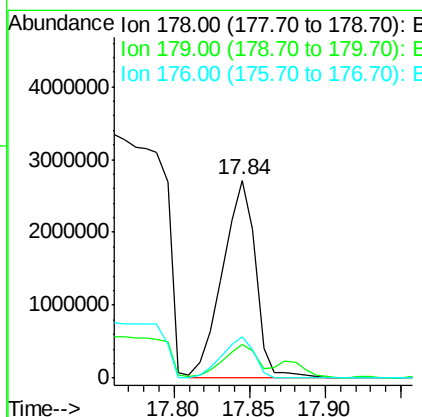
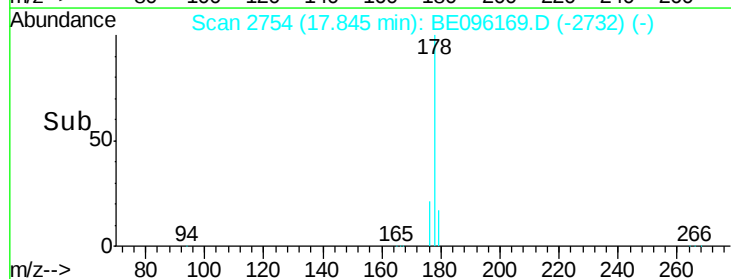
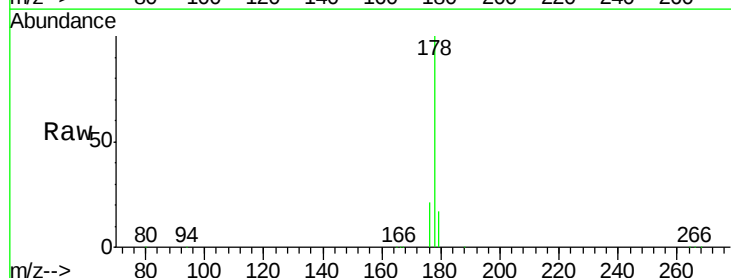
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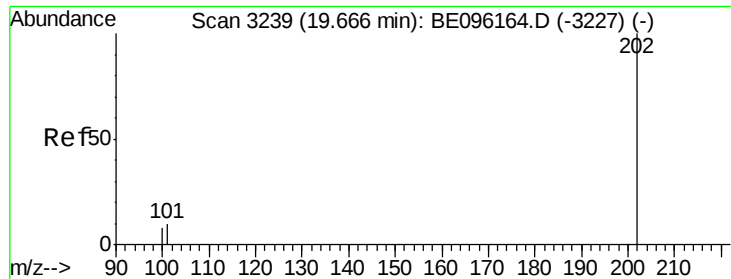
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#13
Anthracene
Concen: 292.742 ng/u1
RT: 17.84 min Scan# 2754
Delta R.T. 0.06 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Tgt Ion:178 Resp: 4113399
Ion Ratio Lower Upper
178 100
179 17.0 18.1 27.1#
176 21.1 14.7 22.1





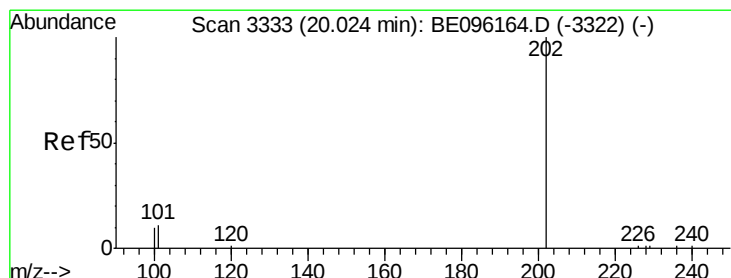
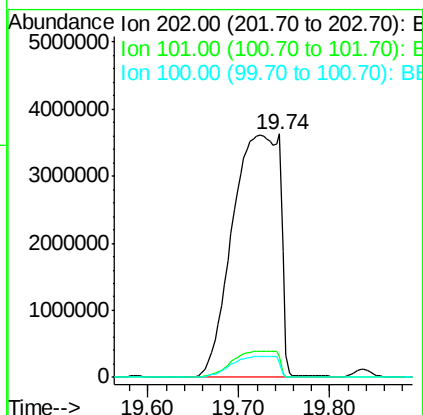
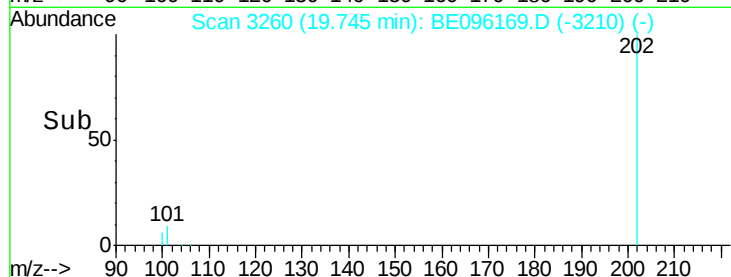
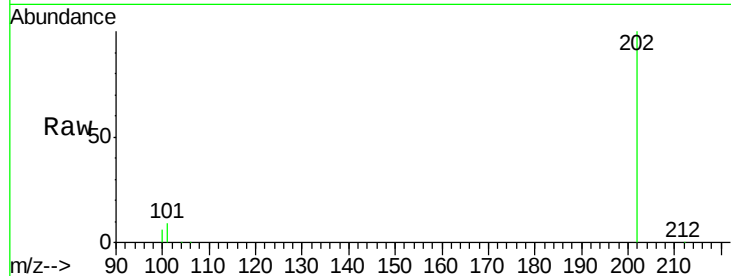
#15
Fluoranthene
 Concen: 613.439 ng/ul
 RT: 19.74 min Scan# 3260
 Delta R.T. 0.08 min
 Lab File: BE096169.D
 Acq: 26 Apr 2018 3:56

Instrument :
 BNA_E
 ClientSampled :
 DASP5

Tgt Ion:202 Resp:13132580
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.3
 100 6.0 0.0 39.5

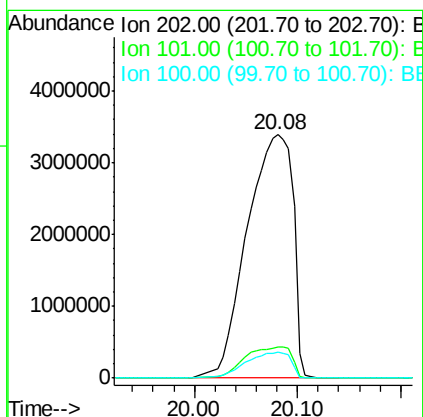
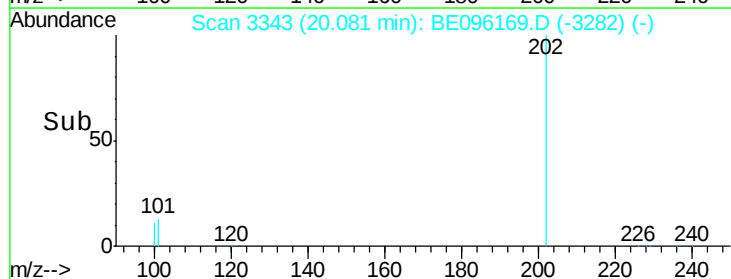
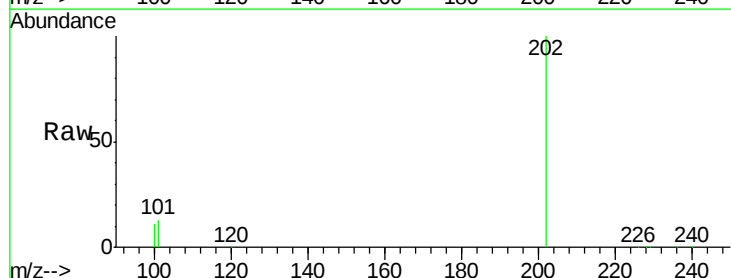
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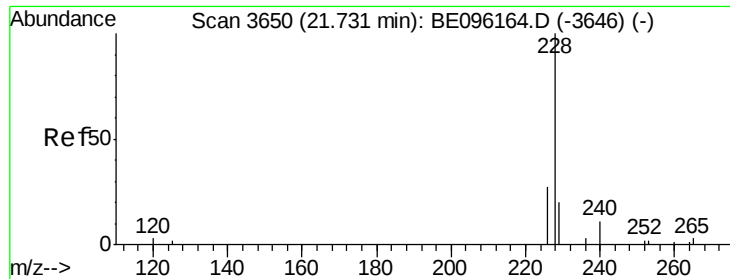
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#17
Pyrene
 Concen: 1082.287 ng/ul
 RT: 20.08 min Scan# 3343
 Delta R.T. 0.06 min
 Lab File: BE096169.D
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Tgt Ion:202 Resp:11774623
 Ion Ratio Lower Upper
 202 100
 101 12.6 18.2 27.4#
 100 10.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 240.987 ng/ul m

RT: 21.77 min Scan# 3654

Delta R.T. 0.04 min

Lab File: BE096169.D

Acq: 26 Apr 2018 3:56

Instrument :

BNA_E

ClientSampleId :

DASP5

Tgt Ion:228 Resp: 3956563

Ion Ratio Lower Upper

228 100

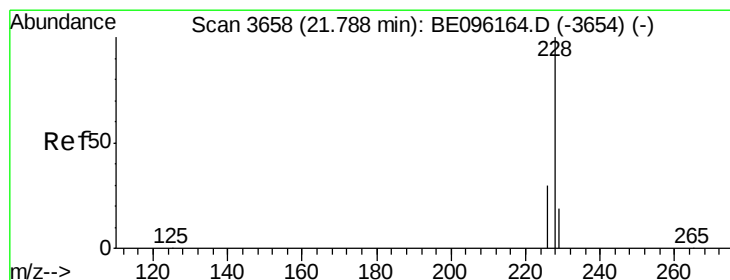
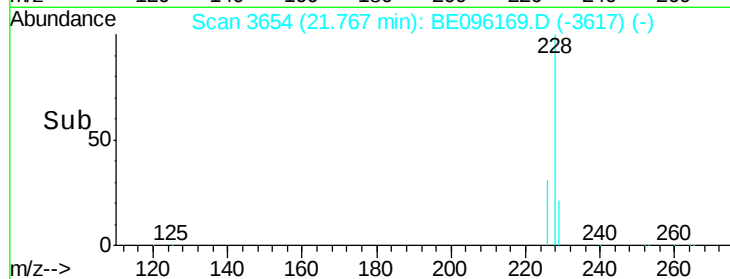
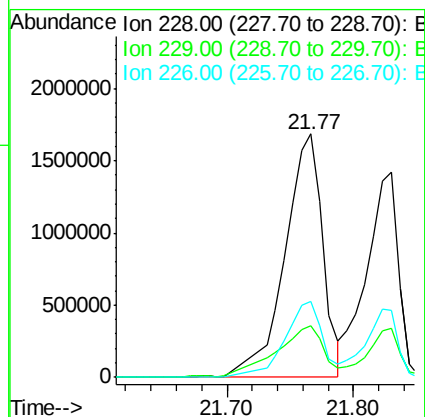
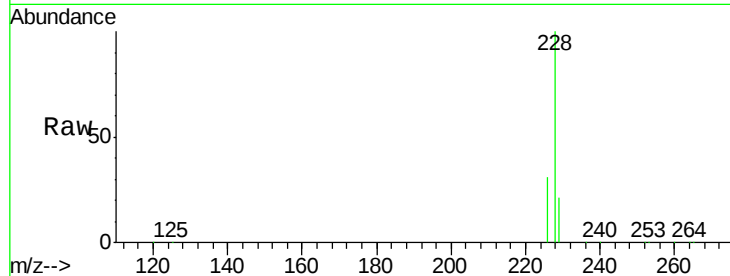
229 21.2 22.8 34.2#

226 31.1 17.0 25.6#

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#19

Chrysene

Concen: 164.556 ng/ul

RT: 21.83 min Scan# 3663

Delta R.T. 0.04 min

Lab File: BE096169.D

Acq: 26 Apr 2018 3:56

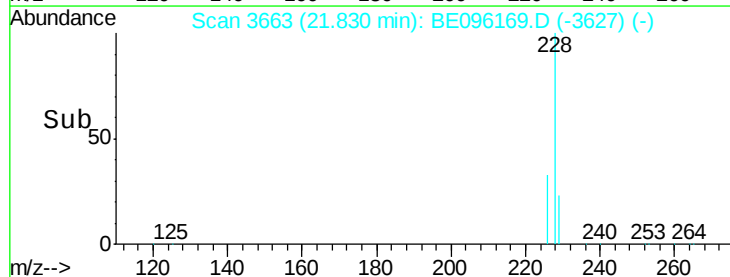
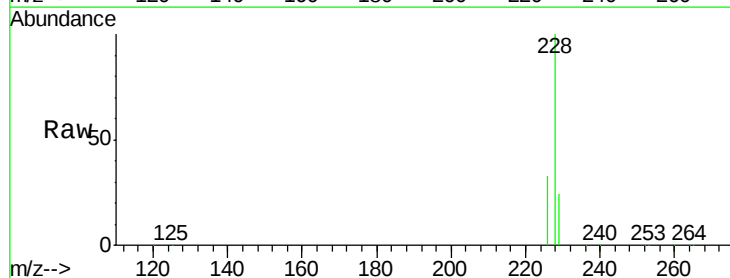
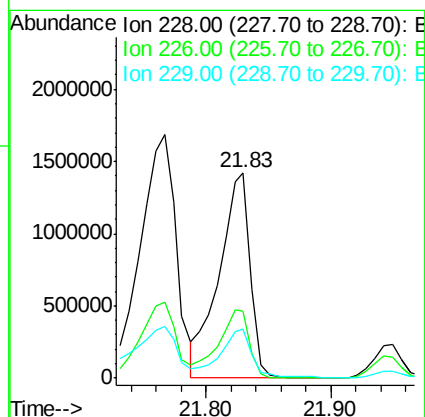
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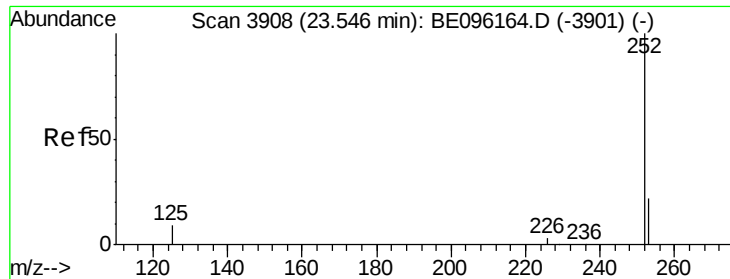
Ion Ratio Lower Upper

228 100

226 32.8 23.4 35.0

229 23.8 17.7 26.5





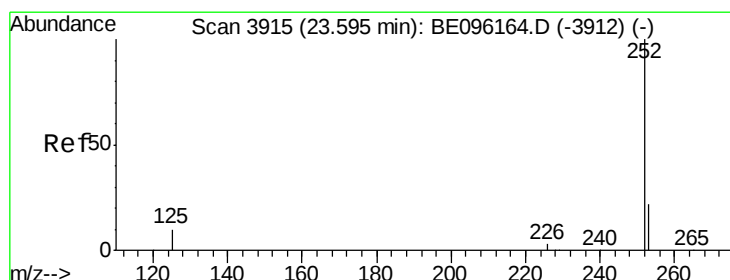
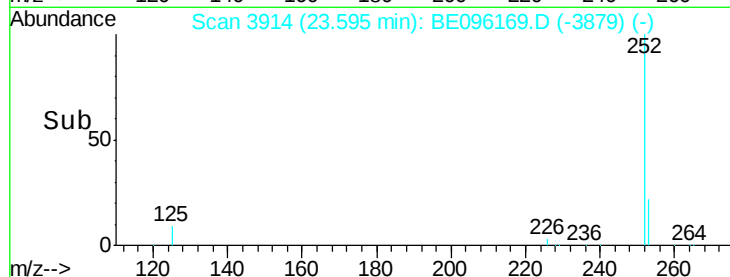
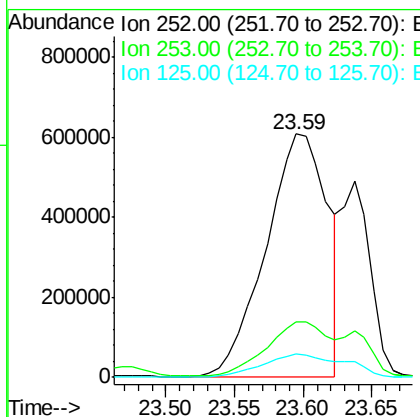
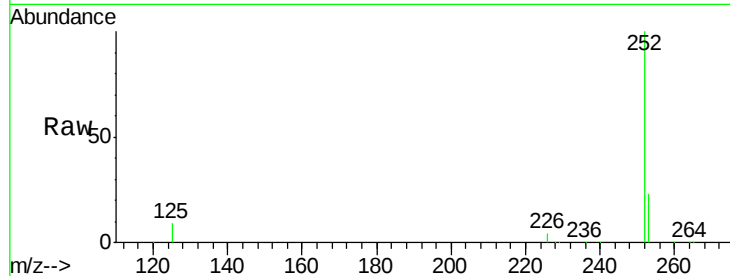
#21
Benzo(b)fluoranthene
Concen: 128.502 ng/ul m
RT: 23.59 min Scan# 3914
Delta R.T. 0.05 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Instrument :
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ClientSampleId :
DASP5

Tgt Ion:252 Resp: 1918078
Ion Ratio Lower Upper
252 100
253 22.7 0.0 64.2
125 9.4 0.0 35.0

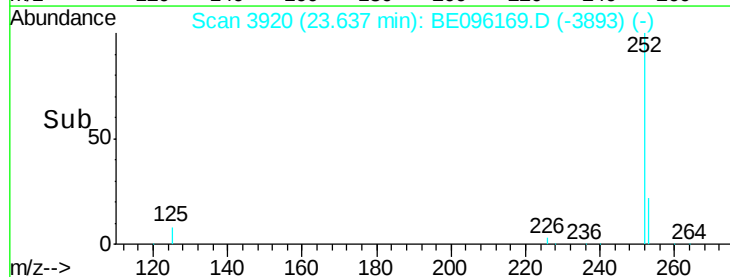
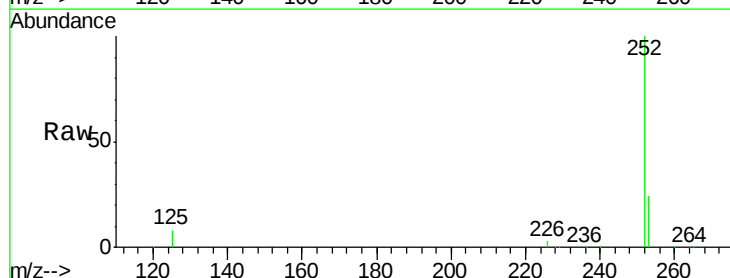
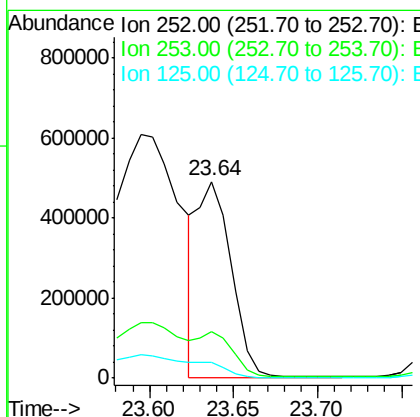
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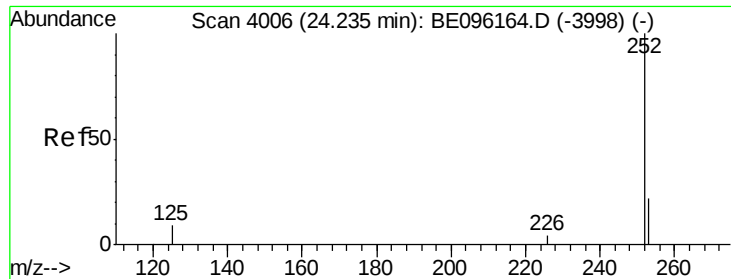
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#22
Benzo(k)fluoranthene
Concen: 49.028 ng/ul m
RT: 23.64 min Scan# 3920
Delta R.T. 0.04 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Tgt Ion:252 Resp: 699596
Ion Ratio Lower Upper
252 100
253 23.6 24.5 36.7#
125 8.2 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 98.343 ng/u1

RT: 24.29 min Scan# 4013

Delta R.T. 0.06 min

Lab File: BE096169.D

Acq: 26 Apr 2018 3:56

Instrument :

BNA_E

ClientSampleId :

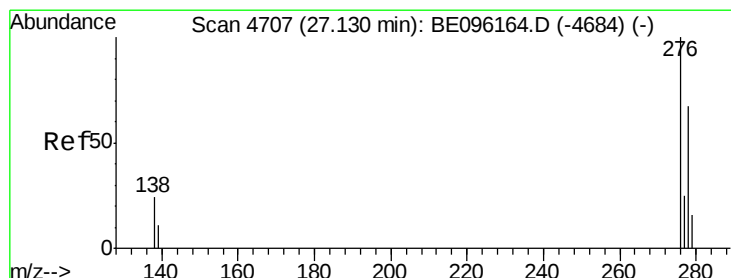
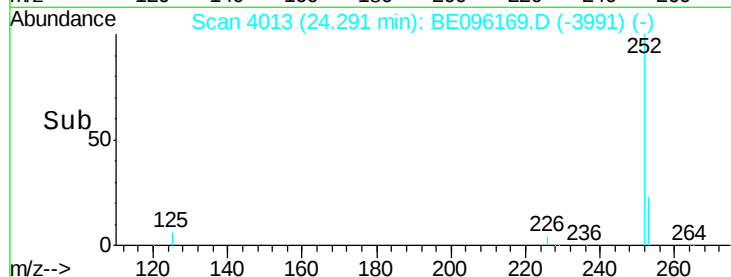
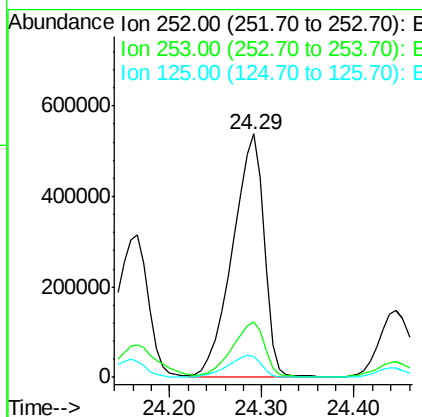
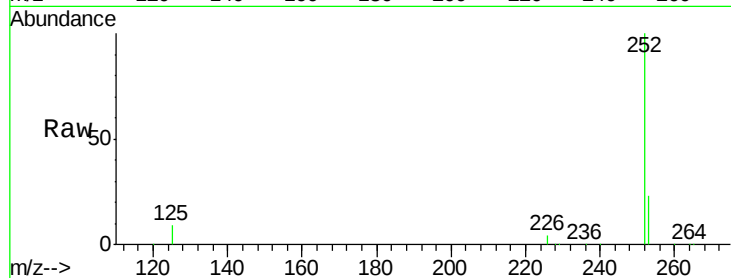
DASP5

Tgt Ion: 252 Resp: 1275263

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	8.8	18.1	27.1#

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:28 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 26.589 ng/u1

RT: 27.18 min Scan# 4721

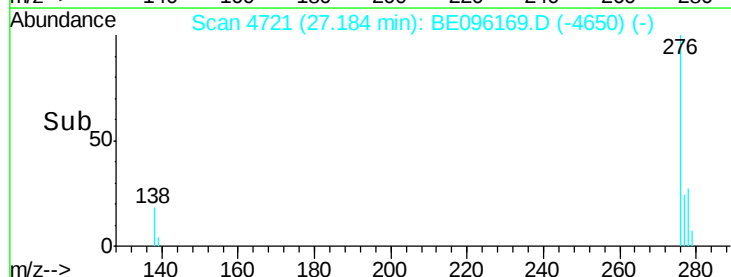
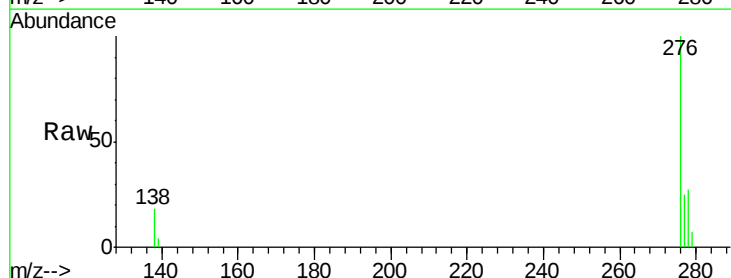
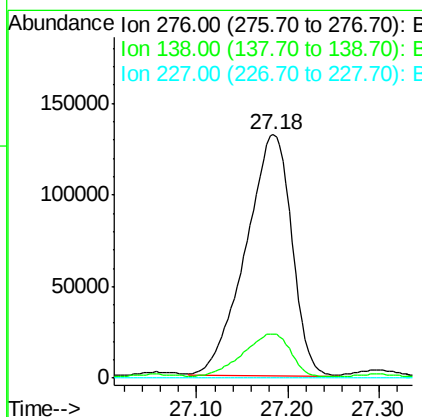
Delta R.T. 0.05 min

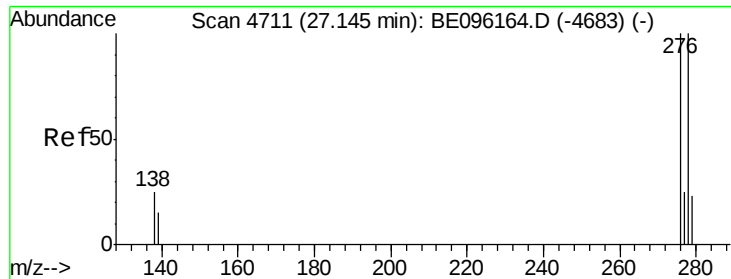
Lab File: BE096169.D

Acq: 26 Apr 2018 3:56

Tgt Ion: 276 Resp: 464584

Ion	Ratio	Lower	Upper
276	100		
138	18.5	28.0	42.0#
227	0.0	8.0	12.0#





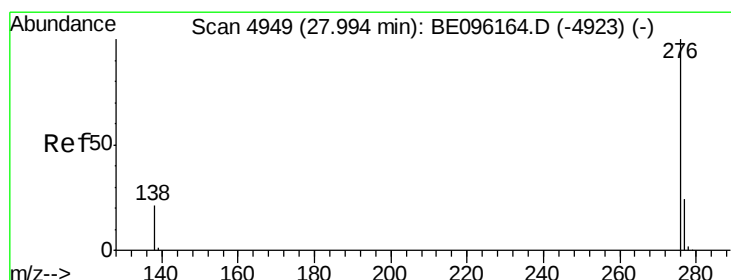
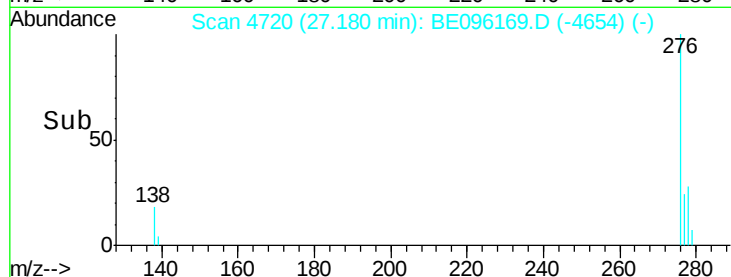
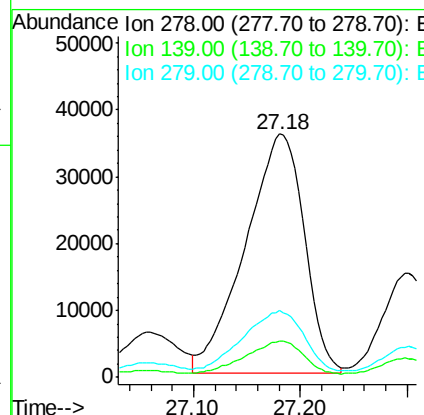
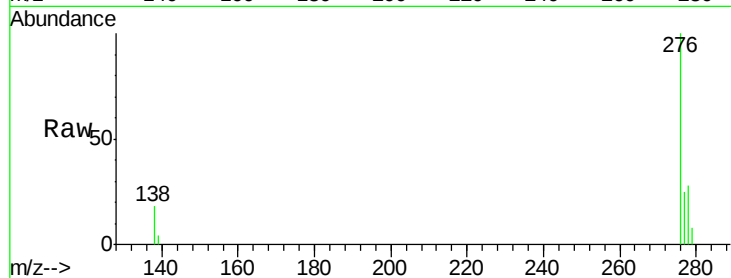
#25
Dibenzo(a,h)anthracene
Concen: 9.316 ng/ul m
RT: 27.18 min Scan# 4720
Delta R.T. 0.04 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Instrument :
BNA_E
ClientSampleId :
DASP5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	17.4	26.0#
279	27.3	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:28 PM



#26
Benzo(g,h,i)perylene
Concen: 24.823 ng/ul
RT: 28.05 min Scan# 4965
Delta R.T. 0.06 min
Lab File: BE096169.D
Acq: 26 Apr 2018 3:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	21.8	32.8#
277	24.2	20.5	30.7

