

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096186.D
 Acq On : 26 Apr 2018 19:20
 Operator : SJ/JU
 Sample : J2431-15RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP6RE

Manual Integrations
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Quant Time: Apr 27 05:32:31 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 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1334	0.40	ng/ul	0.00
2) Naphthalene-d8	11.19	136	3835	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	27024	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.75	188	2967	0.40	ng/ul	0.09
16) Chrysene-d12	21.80	240	5178m	0.40	ng/ul	0.06
20) Perylene-d12	24.48	264	6117m	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1947	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	2021m	0.15	ng/ul	0.09
Target Compounds					Ovalue	
3) Naphthalene	11.24	128	123255	11.543	ng/ul#	88
5) 2-Methylnaphthalene	12.82	142	507862	70.986	ng/ul	99
7) Acenaphthylene	14.68	152	160061	1.149	ng/ul#	86
8) Acenaphthene	15.05	153	3501022	34.855	ng/ul	95
9) Fluorene	16.04	166	6529800	49.132	ng/ul#	89
11) Pentachlorophenol	17.44	266	153m	0.214	ng/ul	
12) Phenanthrene	17.76	178	23946617	2741.305	ng/ul#	88
13) Anthracene	17.92	178	6434592	734.212	ng/ul#	92
15) Fluoranthene	19.79	202	16877018m	1263.959	ng/ul	
17) Pyrene	20.11	202	11838479m	1139.643	ng/ul	
18) Benzo(a)anthracene	21.79	228	7576698m	483.318	ng/ul	
19) Chrysene	21.86	228	4226533	293.405	ng/ul	92
21) Benzo(b)fluoranthene	23.63	252	3575637m	154.375	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	942312m	42.557	ng/ul	
23) Benzo(a)pyrene	24.33	252	2234564m	111.049	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	764382	28.192	ng/ul#	70
25) Dibenzo(a,h)anthracene	27.22	278	217908m	9.599	ng/ul	
26) Benzo(g,h,i)perylene	28.10	276	624770m	26.473	ng/ul	

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

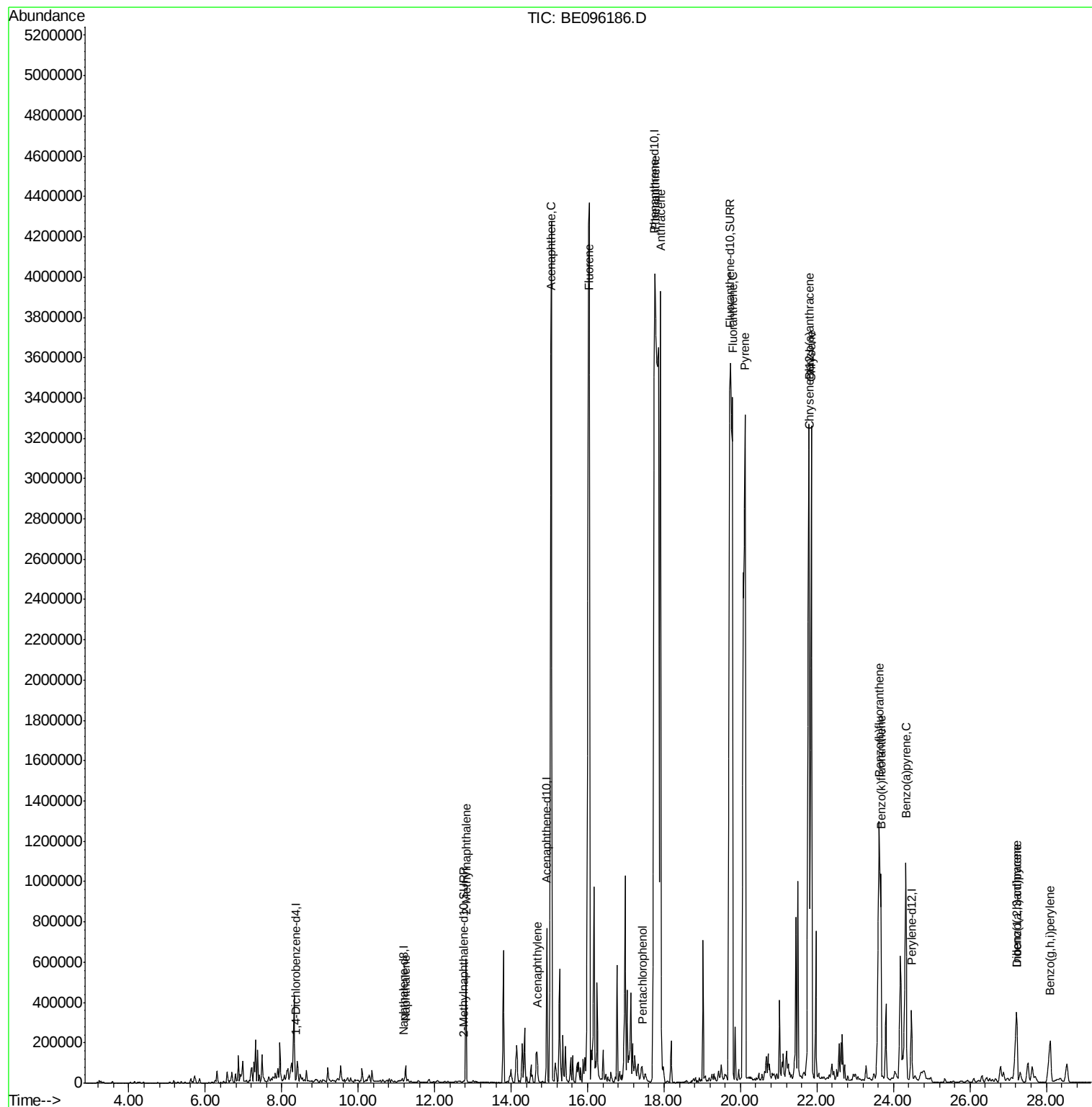
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
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ALS Vial : 14 Sample Multiplier: 1

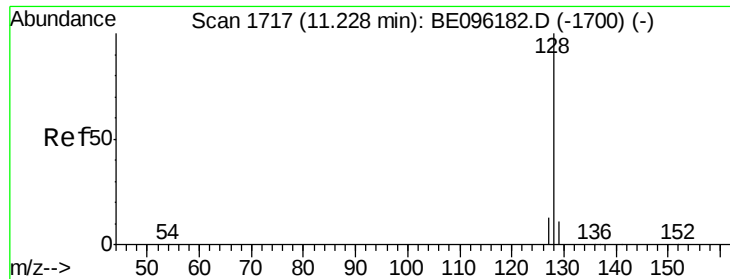
Instrument :
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#3

Naphthalene

Concen: 11.543 ng/ul

RT: 11.24 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Instrument :

BNA_E

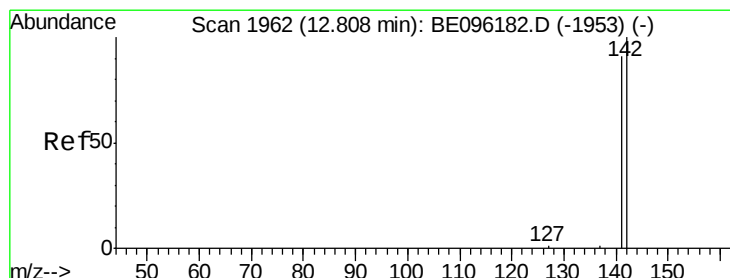
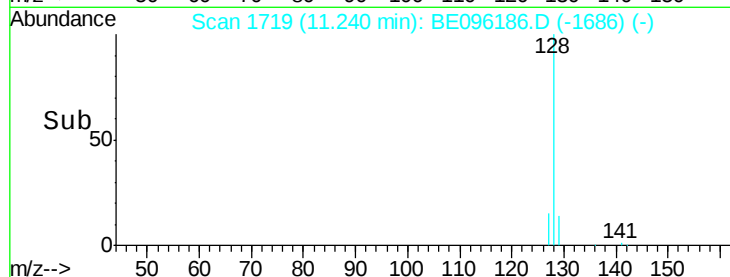
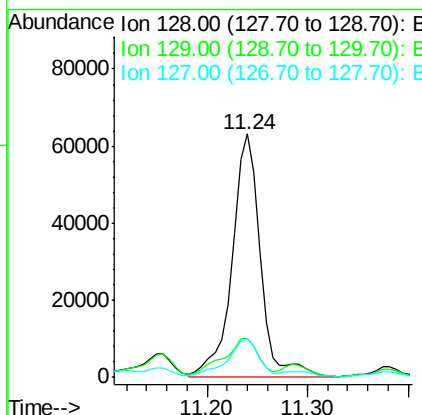
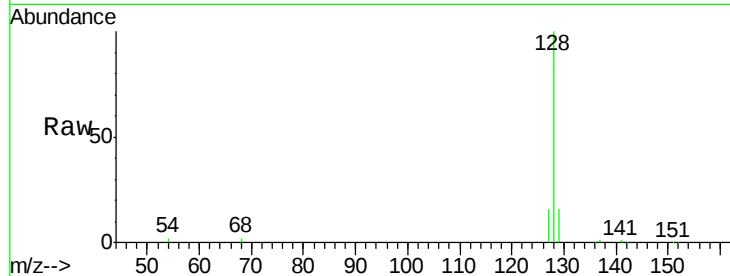
ClientSampleId :

DASP6RE

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.3	16.9
127	16.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 70.986 ng/ul

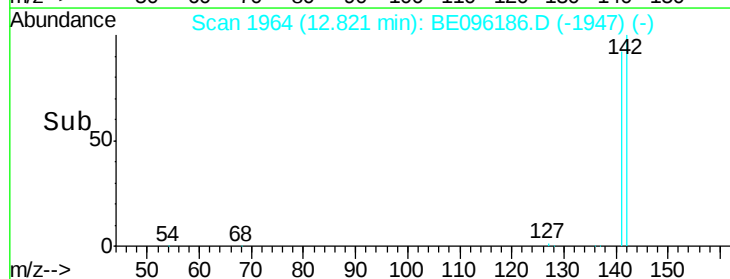
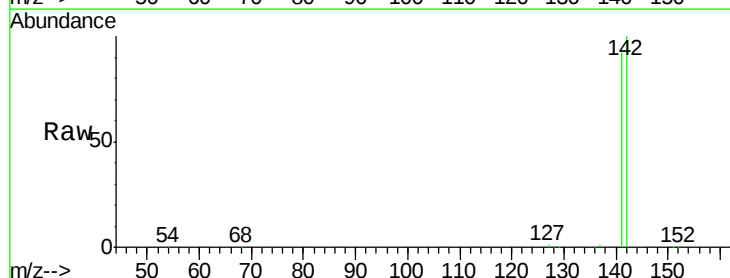
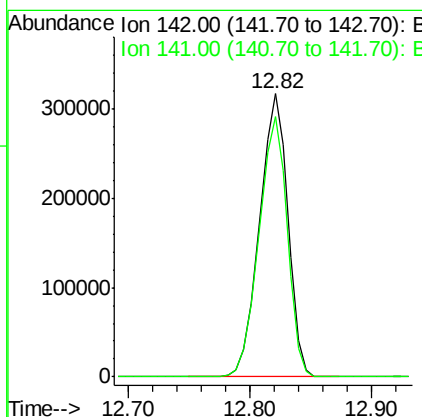
RT: 12.82 min Scan# 1964

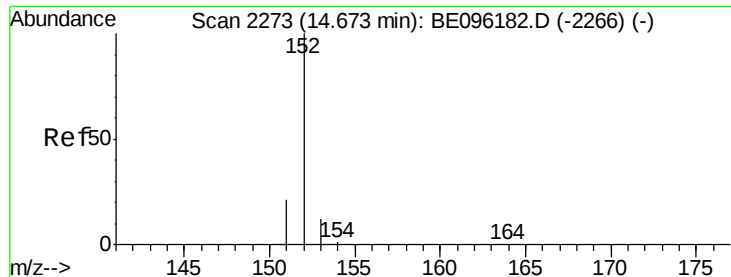
Delta R.T. 0.01 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	108.8





#7

Acenaphthylene

Concen: 1.149 ng/ul

RT: 14.68 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Instrument :

BNA_E

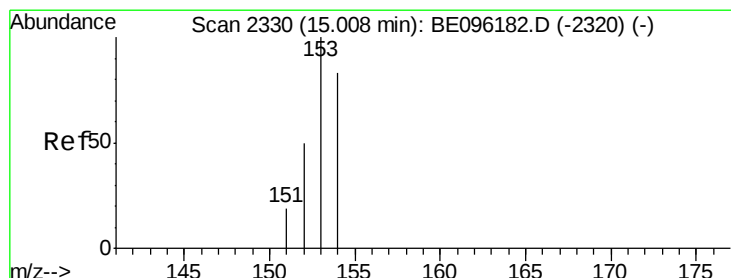
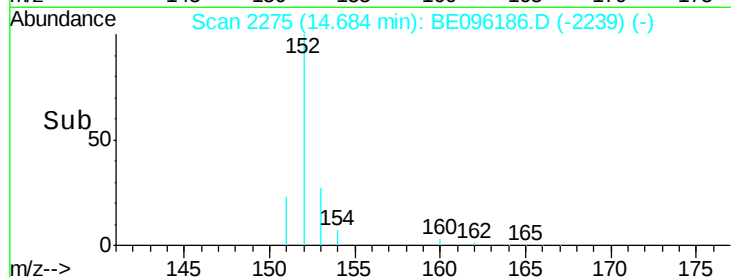
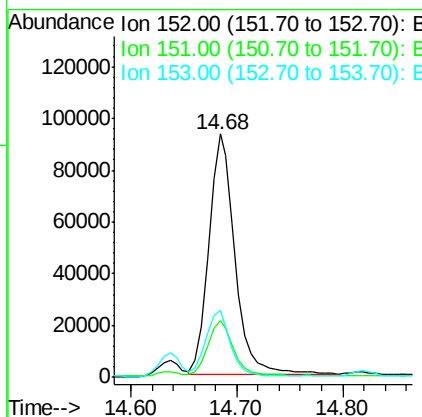
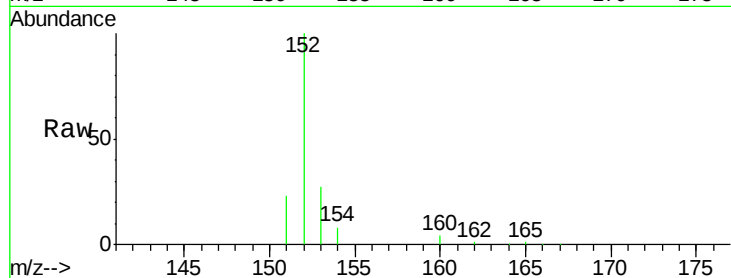
ClientSampleId :

DASP6RE

Tot Ion:	152	Resp:	160061
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.1	25.7
153	27.4	12.8	19.2

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#8

Acenaphthene

Concen: 34.855 ng/ul

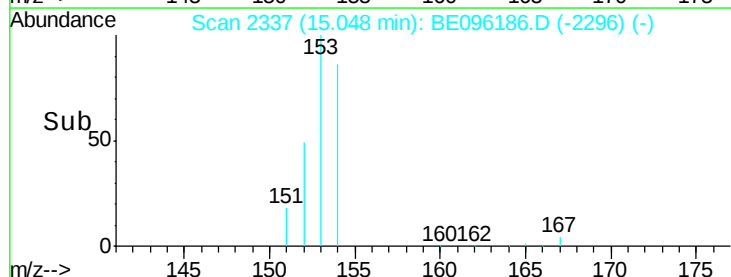
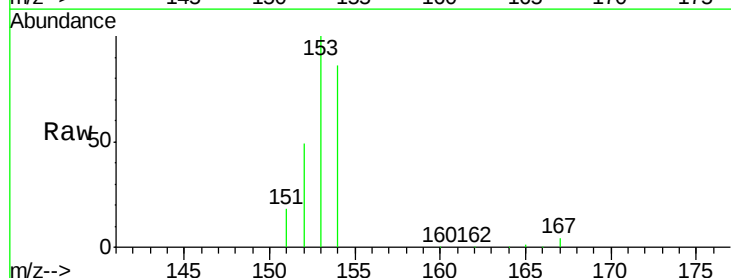
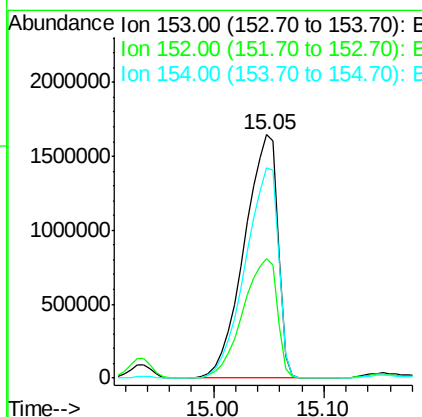
RT: 15.05 min Scan# 2337

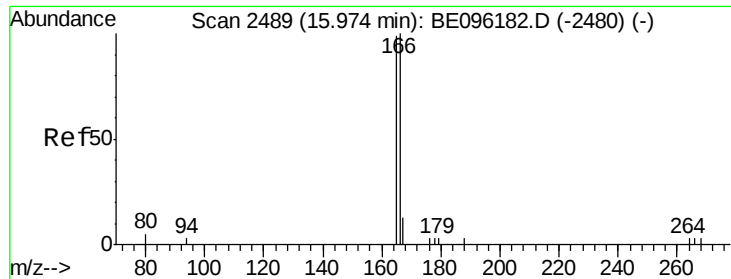
Delta R.T. 0.04 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Tgt Ion:	153	Resp:	3501022
Ion Ratio	Lower	Upper	
153	100		
152	49.0	36.0	54.0
154	86.2	72.0	108.0





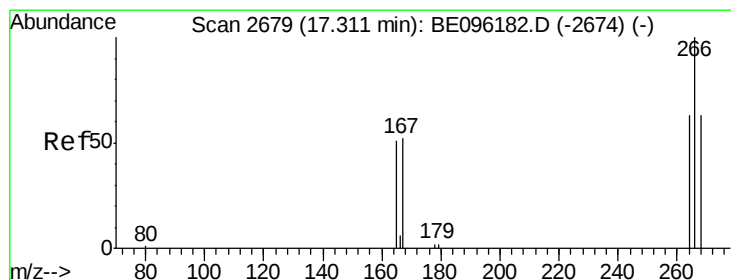
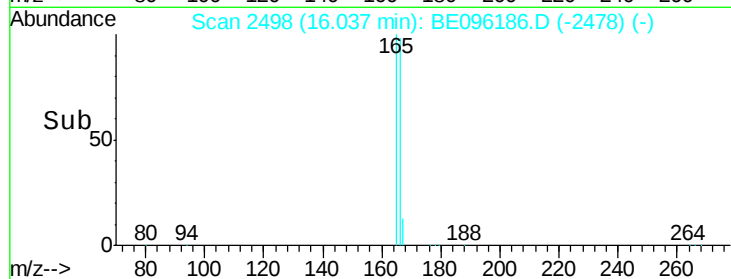
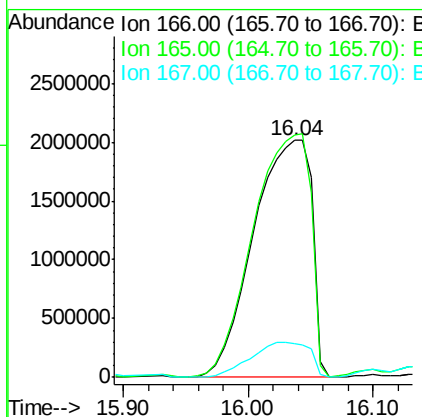
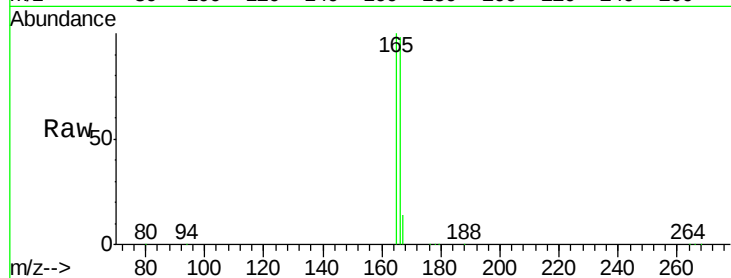
#9
Fluorene
 Concen: 49.132 ng/ul
 RT: 16.04 min Scan# 2498
 Delta R.T. 0.06 min
 Lab File: BE096186.D
 Acq: 26 Apr 2018 19:20

Instrument :
 BNA_E
 ClientSampleId :
 DASP6RE

Tot Ion:166 Resp: 6529800
 Ion Ratio Lower Upper
 166 100
 165 102.4 73.4 110.2
 167 14.2 14.6 22.0#

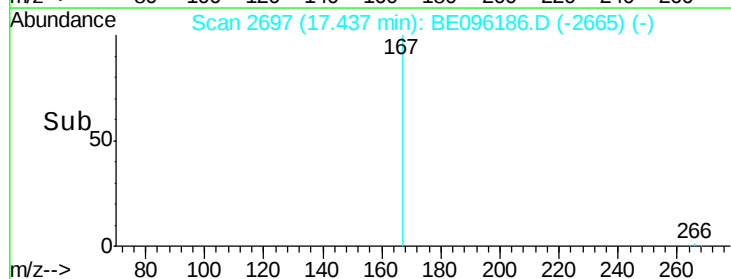
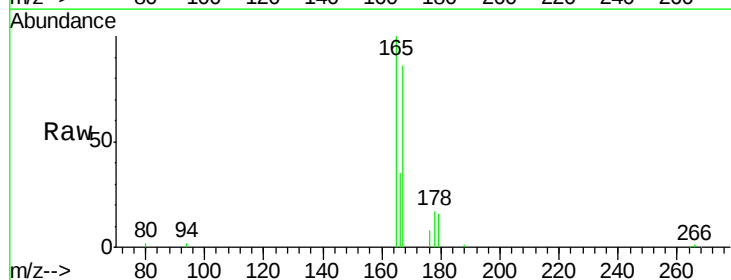
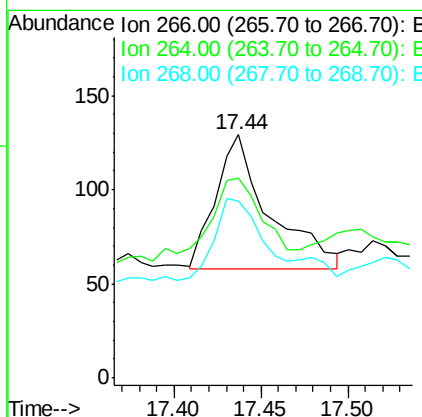
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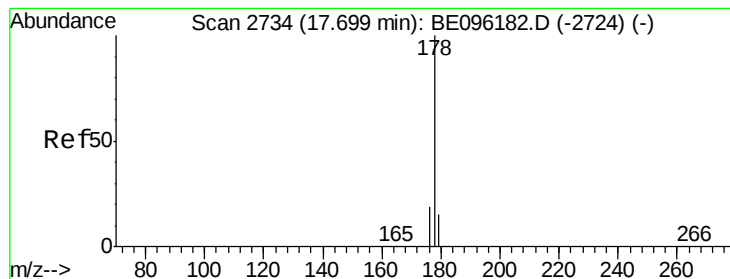
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#11
Pentachlorophenol
 Concen: 0.214 ng/ul m
 RT: 17.44 min Scan# 2697
 Delta R.T. 0.13 min
 Lab File: BE096186.D
 Acq: 26 Apr 2018 19:20

Tgt Ion:266 Resp: 153
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 2741.305 ng/ul

RT: 17.76 min Scan# 2743

Delta R.T. 0.06 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Instrument :

BNA_E

ClientSampleId :

DASP6RE

Tot Ion:178 Resp:23946617

Ion Ratio Lower Upper

178 100

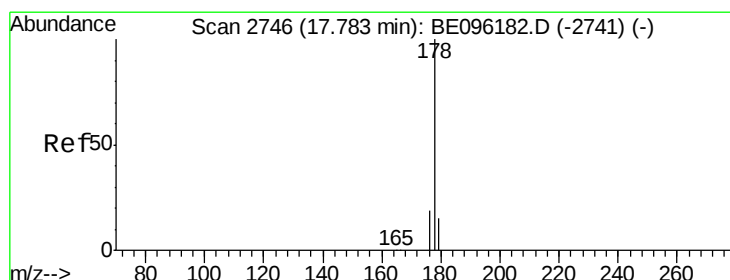
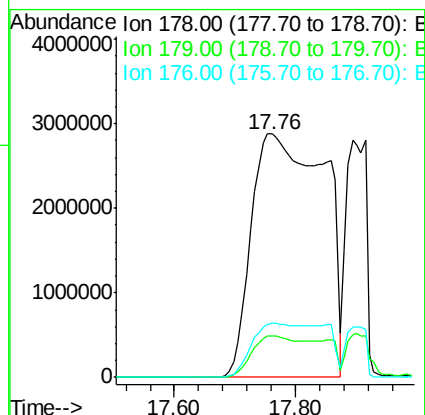
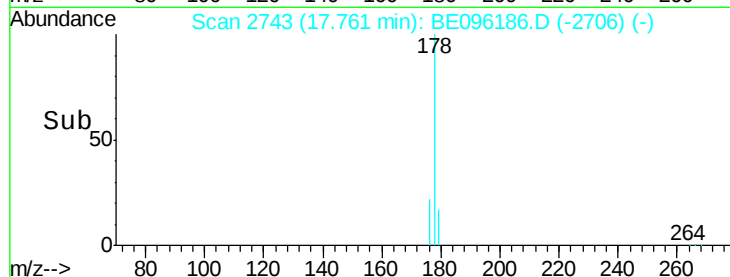
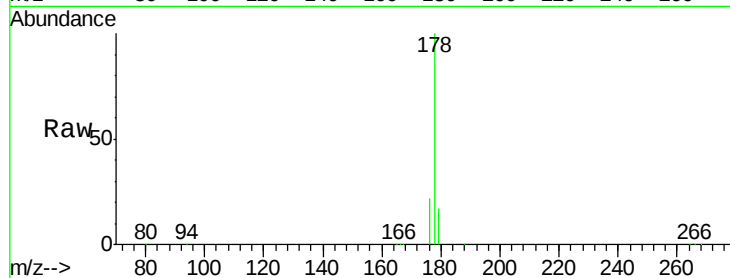
179 17.0 18.4 27.6#

176 22.0 13.6 20.4#

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#13

Anthracene

Concen: 734.212 ng/ul

RT: 17.92 min Scan# 2765

Delta R.T. 0.13 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

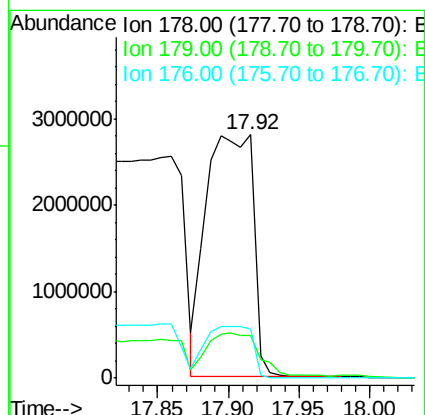
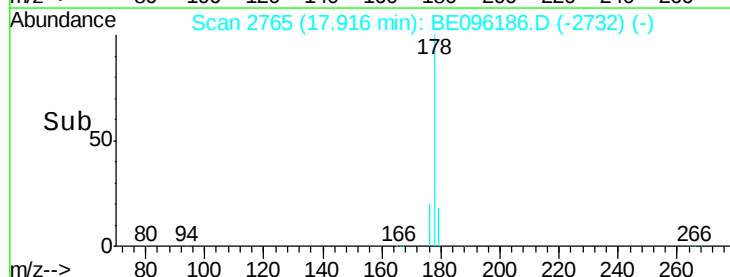
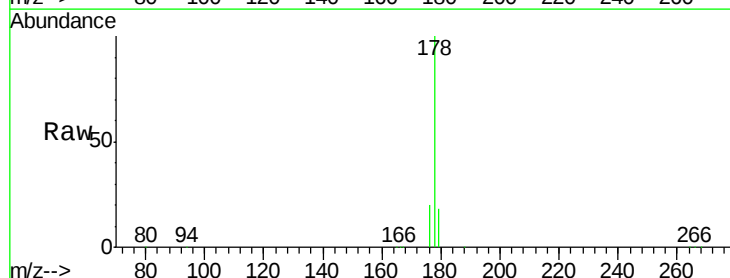
Tgt Ion:178 Resp: 6434592

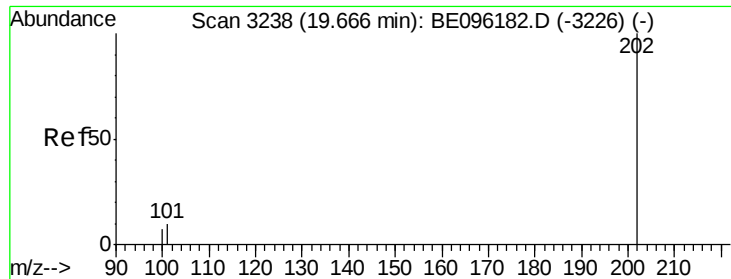
Ion Ratio Lower Upper

178 100

179 17.6 18.1 27.1#

176 20.3 14.7 22.1





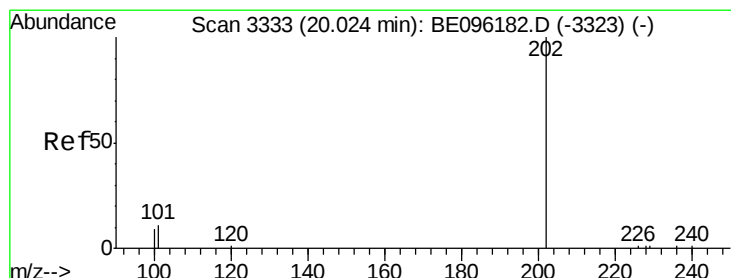
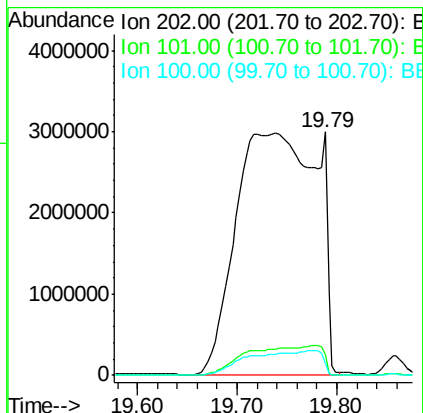
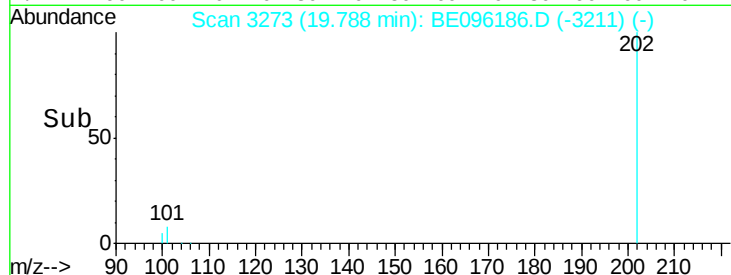
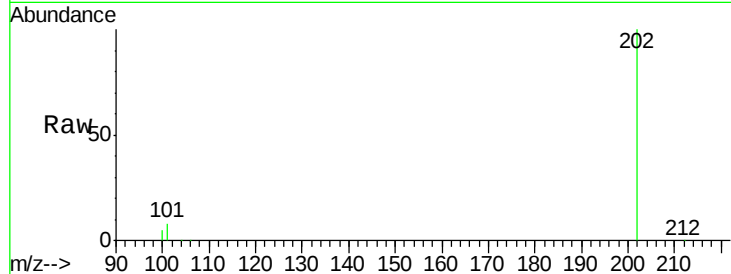
#15
Fluoranthene
 Concen: 1263.959 ng/ul m
 RT: 19.79 min Scan# 3273
 Delta R.T. 0.12 min
 Lab File: BE096186.D
 Acq: 26 Apr 2018 19:20

Instrument :
 BNA_E
 ClientSampleId :
 DASP6RE

Tot Ion:202 Resp:16877018
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 30.3
 100 5.0 0.0 39.5

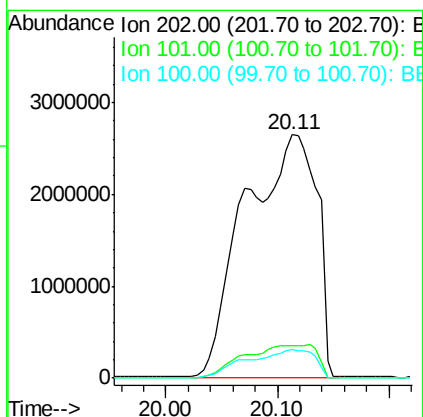
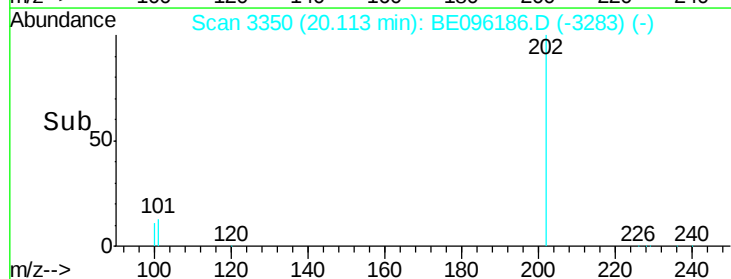
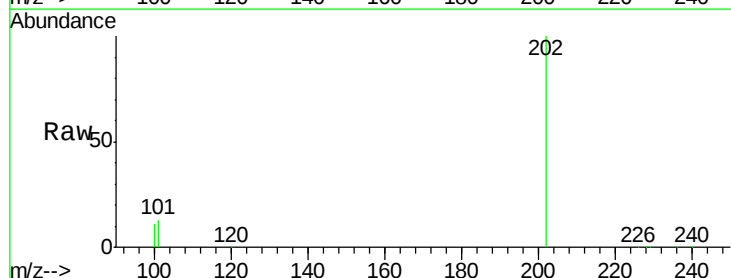
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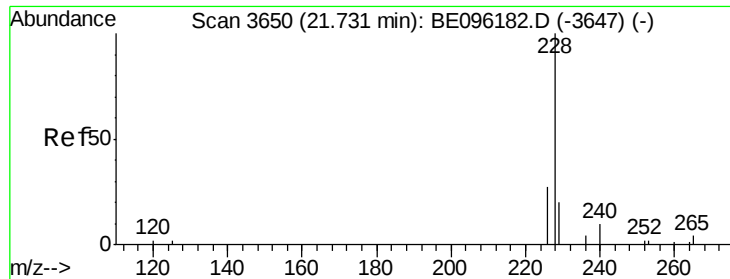
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#17
Pyrene
 Concen: 1139.643 ng/ul m
 RT: 20.11 min Scan# 3350
 Delta R.T. 0.09 min
 Lab File: BE096186.D
 Acq: 26 Apr 2018 19:20

Tgt Ion:202 Resp:11838479
 Ion Ratio Lower Upper
 202 100
 101 13.4 18.2 27.4#
 100 11.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 483.318 ng/ul m

RT: 21.79 min Scan# 3658

Delta R.T. 0.06 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Instrument :

BNA_E

ClientSampleId :

DASP6RE

Tot Ion:228 Resp: 7576698

Ion Ratio Lower Upper

228 100

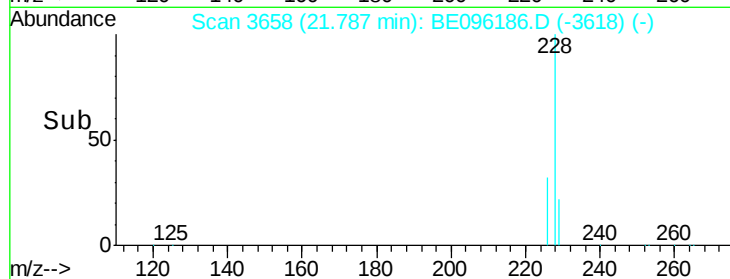
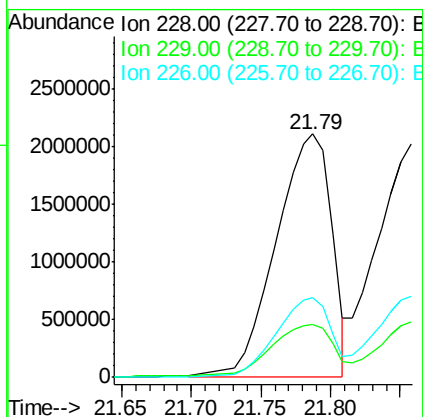
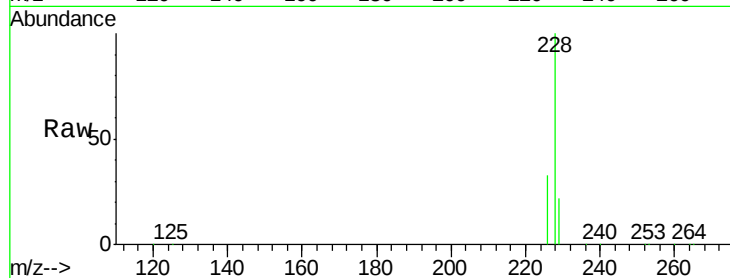
229 21.9 22.8 34.2#

226 32.5 17.0 25.6#

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#19

Chrysene

Concen: 293.405 ng/ul

RT: 21.86 min Scan# 3668

Delta R.T. 0.07 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

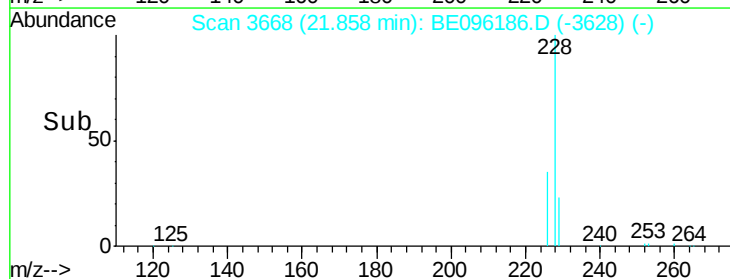
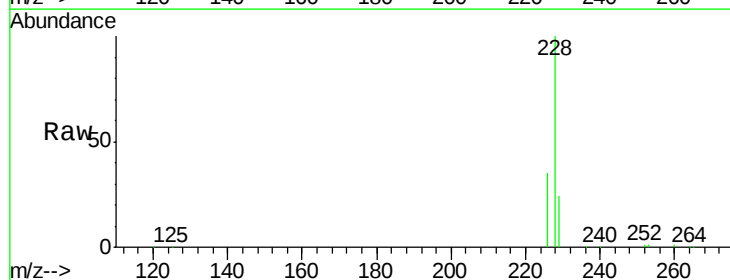
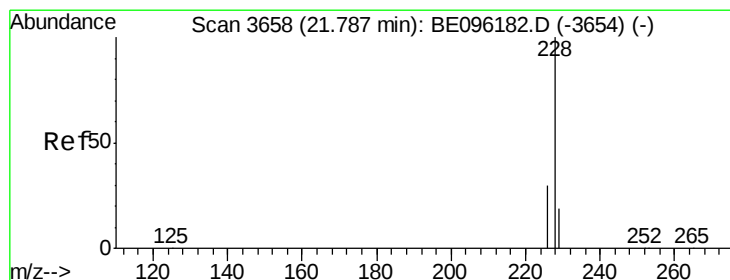
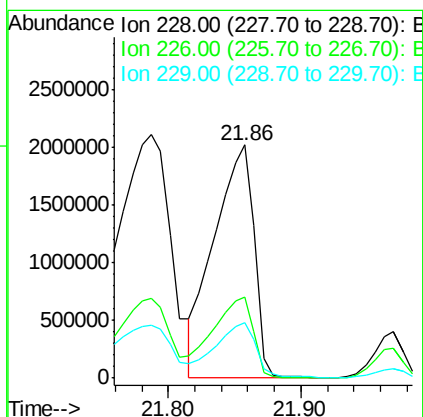
Tgt Ion:228 Resp: 4226533

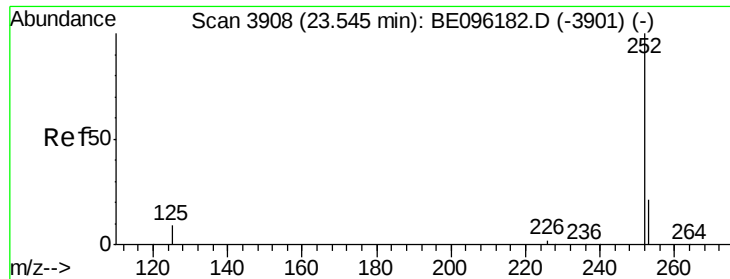
Ion Ratio Lower Upper

228 100

226 35.0 23.4 35.0

229 23.7 17.7 26.5





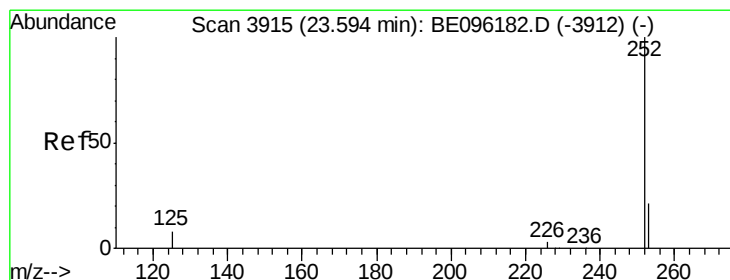
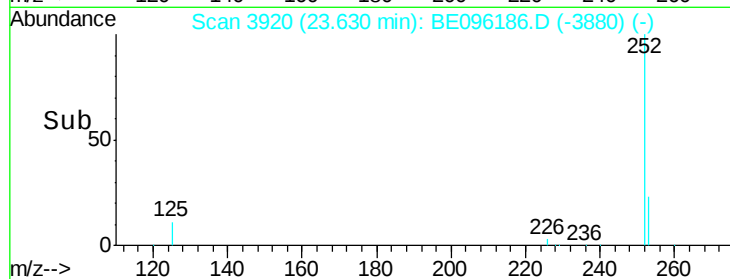
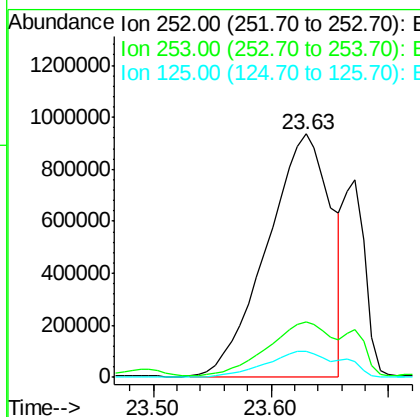
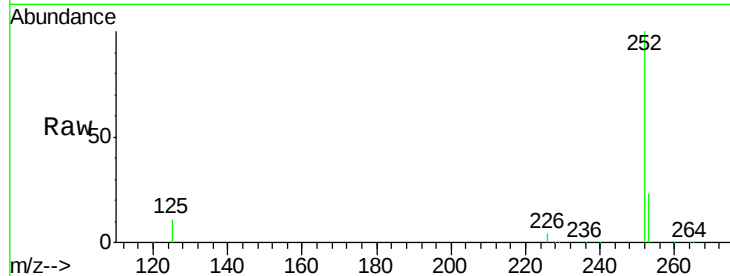
#21
Benzo(b)fluoranthene
Concen: 154.375 ng/ul m
RT: 23.63 min Scan# 3920
Delta R.T. 0.08 min
Lab File: BE096186.D
Acq: 26 Apr 2018 19:20

Instrument :
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ClientSampleId :
DASP6RE

Tot Ion:252 Resp: 3575637
Ion Ratio Lower Upper
252 100
253 22.9 0.0 64.2
125 10.6 0.0 35.0

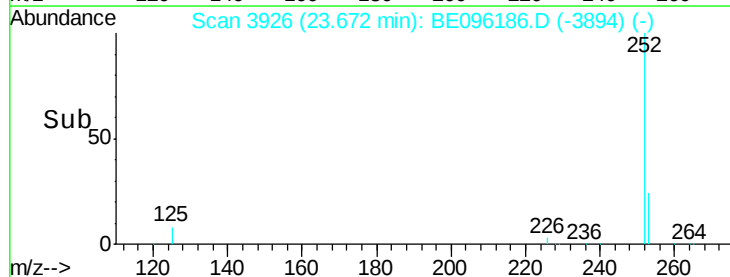
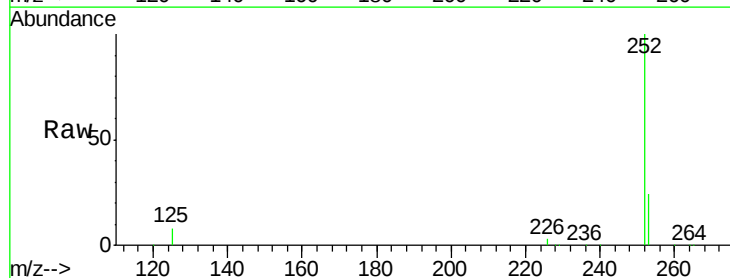
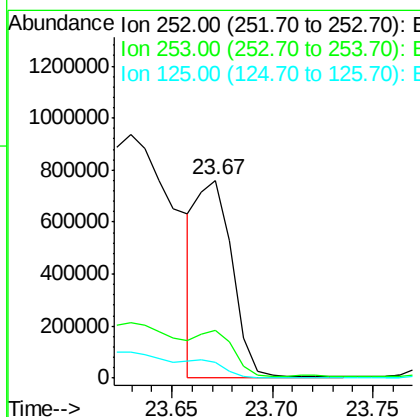
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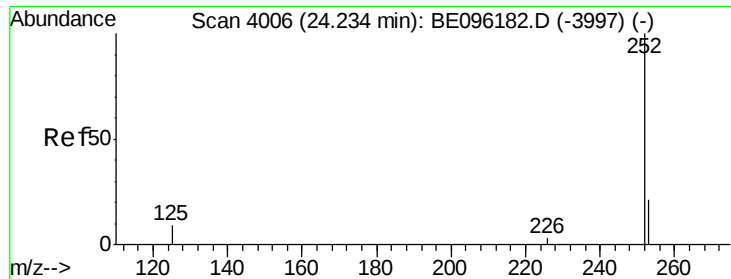
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#22
Benzo(k)fluoranthene
Concen: 42.557 ng/ul m
RT: 23.67 min Scan# 3926
Delta R.T. 0.08 min
Lab File: BE096186.D
Acq: 26 Apr 2018 19:20

Tgt Ion:252 Resp: 942312
Ion Ratio Lower Upper
252 100
253 24.1 24.5 36.7#
125 8.2 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 111.049 ng/ul m

RT: 24.33 min Scan# 4019

Delta R.T. 0.09 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Instrument :

BNA_E

ClientSampleId :

DASP6RE

Tot Ion:252 Resp: 2234564

Ion Ratio Lower Upper

252 100

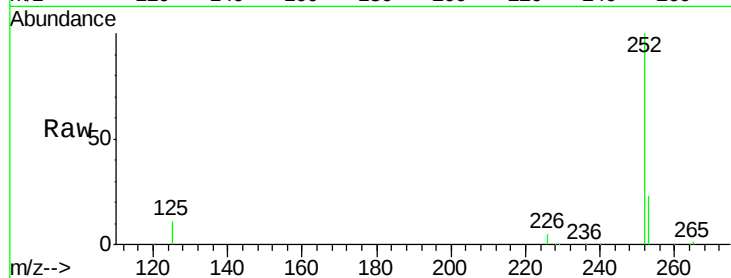
253 22.8 28.5 42.7#

125 10.6 18.1 27.1#

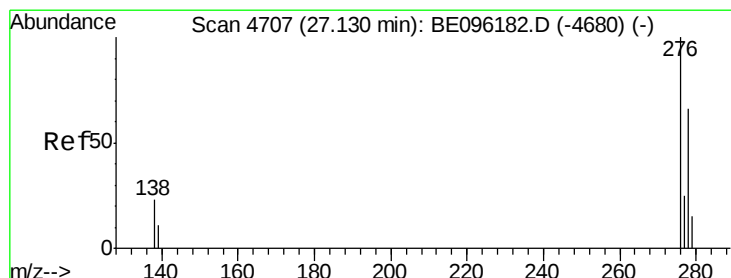
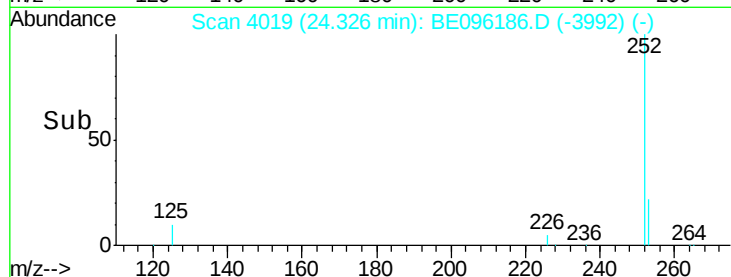
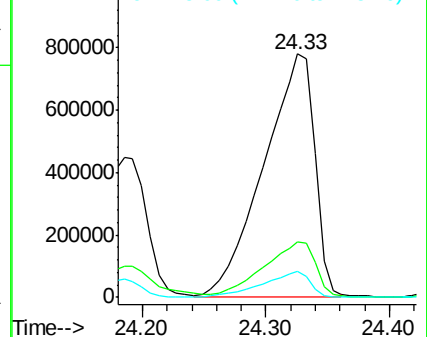
Manual Integrations
APPROVED

Sohil

4/27/2018 7:29:24 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 28.192 ng/ul

RT: 27.23 min Scan# 4734

Delta R.T. 0.10 min

Lab File: BE096186.D

Acq: 26 Apr 2018 19:20

Tgt Ion:276 Resp: 764382

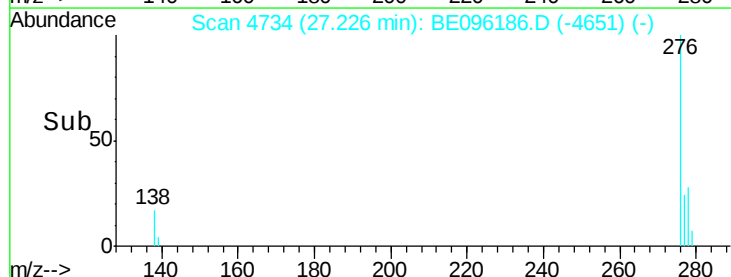
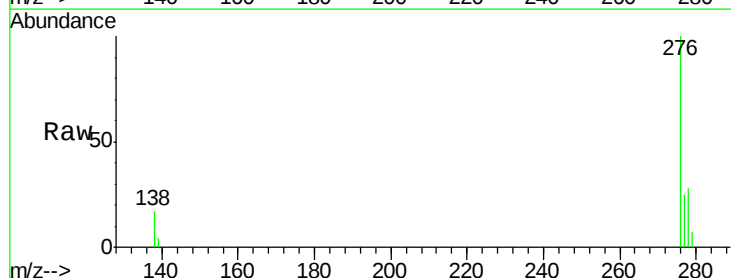
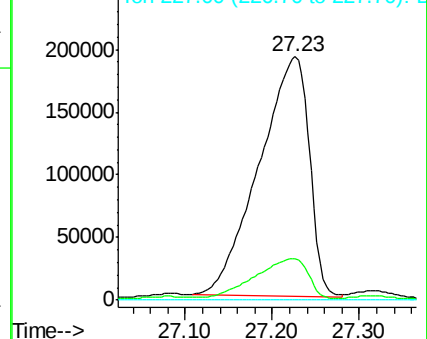
Ion Ratio Lower Upper

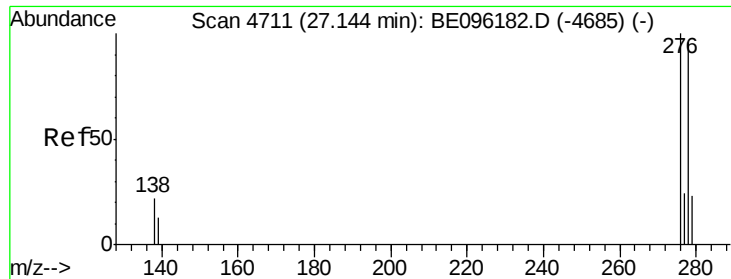
276 100

138 17.4 28.0 42.0#

227 0.0 8.0 12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





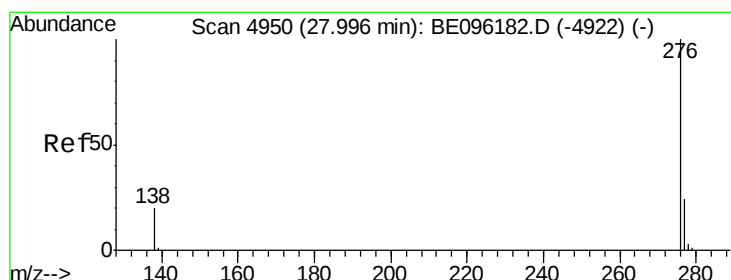
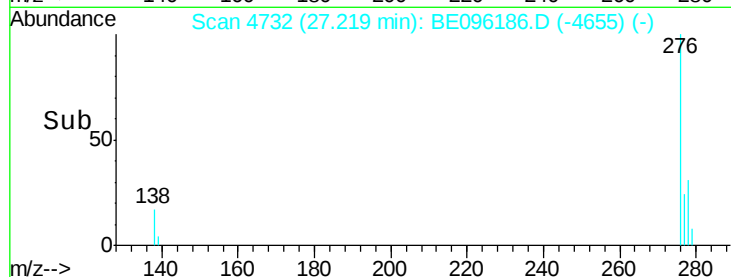
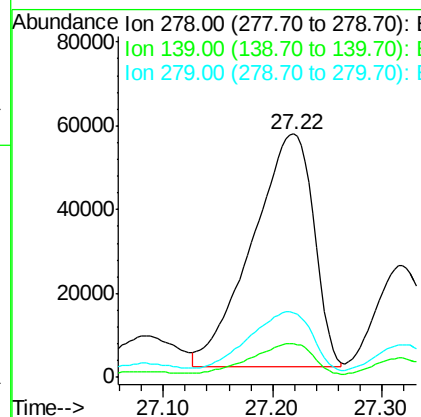
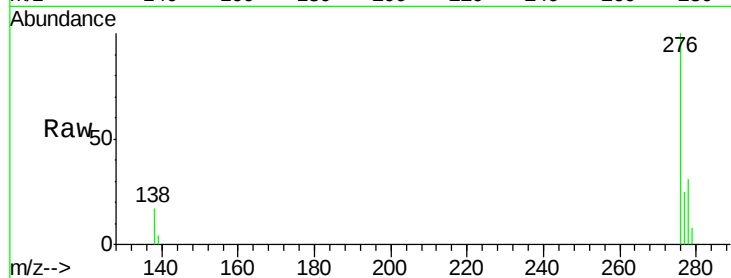
#25
Dibenzo(a,h)anthracene
Concen: 9.599 ng/ul m
RT: 27.22 min Scan# 4732
Delta R.T. 0.08 min
Lab File: BE096186.D
Acq: 26 Apr 2018 19:20

Instrument :
BNA_E
ClientSampleId :
DASP6RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	17.4	26.0#
279	26.5	25.9	38.9

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:24 PM



#26
Benzo(g,h,i)perylene
Concen: 26.473 ng/ul m
RT: 28.10 min Scan# 4979
Delta R.T. 0.10 min
Lab File: BE096186.D
Acq: 26 Apr 2018 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	21.8	32.8#
277	24.7	20.5	30.7

