

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096170.D
 Acq On : 26 Apr 2018 4:32
 Operator : SJ/JU
 Sample : J2431-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP6

Manual Integrations
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Quant Time: Apr 26 16:59:33 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	1185	0.40	ng/ul	0.00
2) Naphthalene-d8	11.19	136	3783	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	28002	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.74	188	3251	0.40	ng/ul	0.08
16) Chrysene-d12	21.80	240	5406m	0.40	ng/ul	0.06
20) Perylene-d12	24.48	264	6225m	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1959	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	2394m	0.16	ng/ul	0.09
Target Compounds					Qvalue	
3) Naphthalene	11.24	128	119648	11.359	ng/ul#	88
5) 2-Methylnaphthalene	12.82	142	511239	72.440	ng/ul	99
7) Acenaphthylene	14.68	152	177624	1.231	ng/ul#	88
8) Acenaphthene	15.05	153	3622195	34.802	ng/ul	95
9) Fluorene	16.04	166	6998700	50.821	ng/ul#	89
11) Pentachlorophenol	17.43	266	190	0.243	ng/ul	93
12) Phenanthrene	17.76	178	25486089	2662.668	ng/ul#	88
13) Anthracene	17.92	178	6932541	721.927	ng/ul#	93
15) Fluoranthene	19.74	202	17999448	1230.260	ng/ul	84
17) Pyrene	20.11	202	12745938m	1175.252	ng/ul	
18) Benzo(a)anthracene	21.79	228	7220837m	441.191	ng/ul	
19) Chrysene	21.86	228	4644339m	308.811	ng/ul	
21) Benzo(b)fluoranthene	23.63	252	3813462m	161.786	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1114547m	49.462	ng/ul	
23) Benzo(a)pyrene	24.33	252	2438021m	119.058	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.23	276	834570	30.247	ng/ul#	71
25) Dibenzo(a,h)anthracene	27.22	278	245145m	10.611	ng/ul	
26) Benzo(g,h,i)perylene	28.10	276	700570	29.169	ng/ul#	90

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

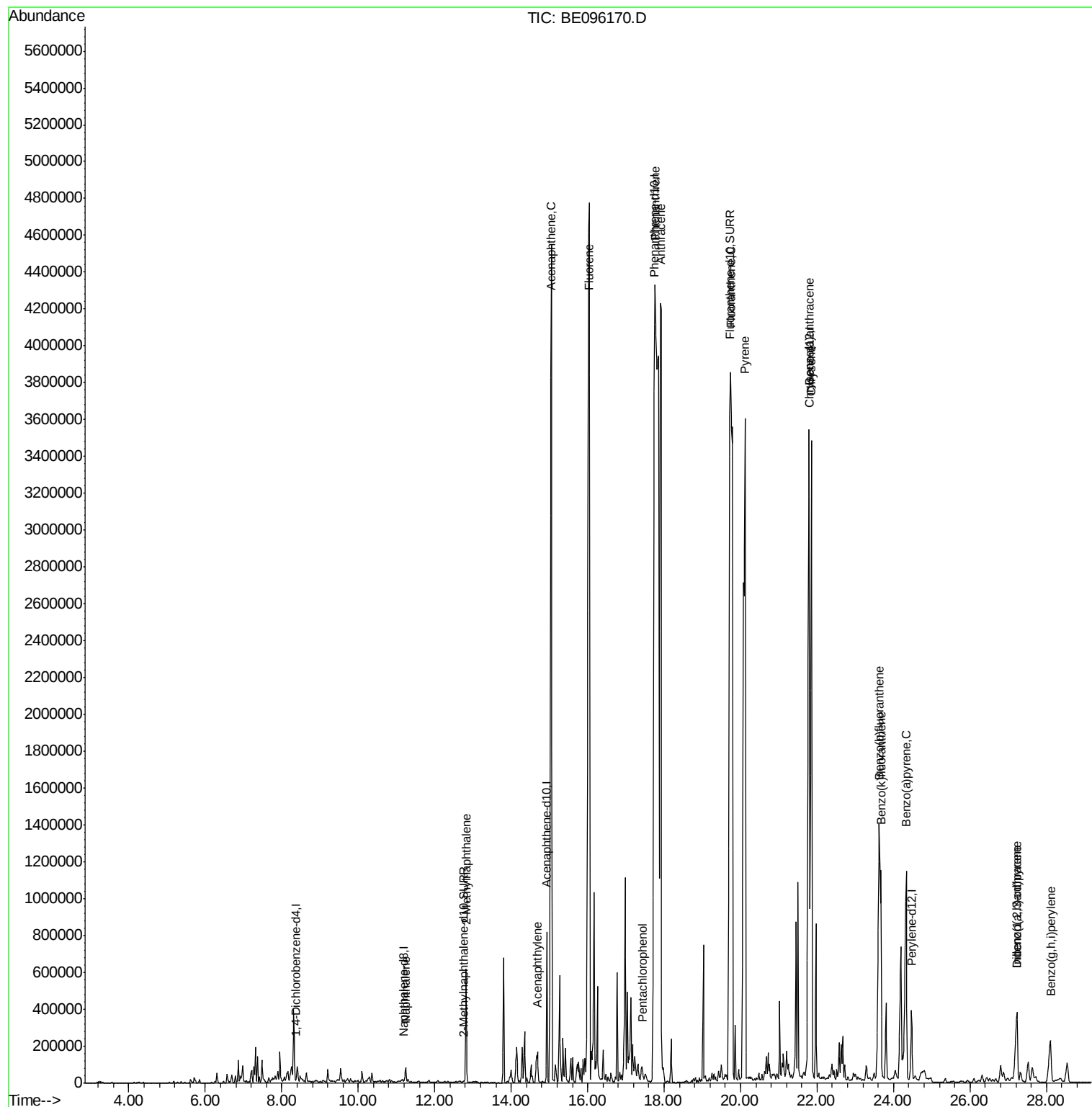
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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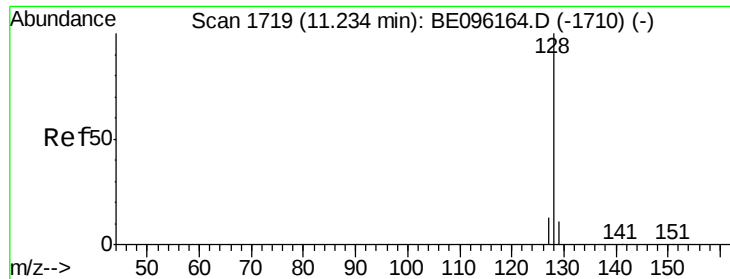
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#3

Naphthalene

Concen: 11.359 ng/ul

RT: 11.24 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

Instrument :

BNA_E

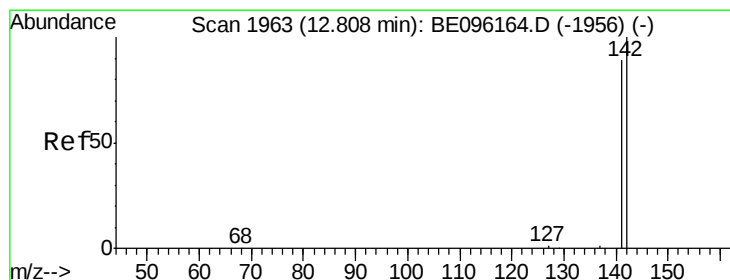
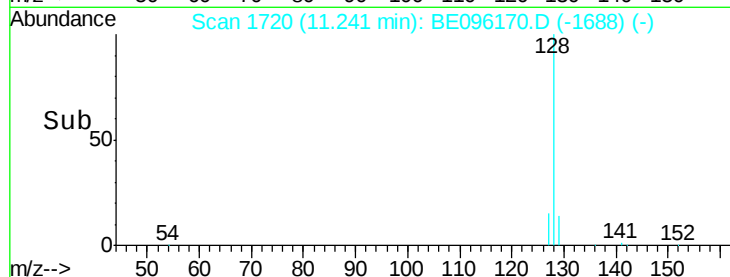
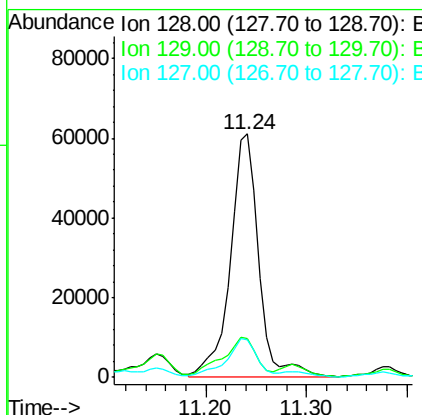
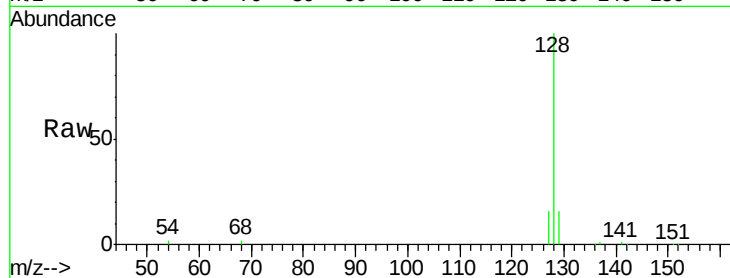
ClientSampleId :

DASP6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	15.5	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 72.440 ng/ul

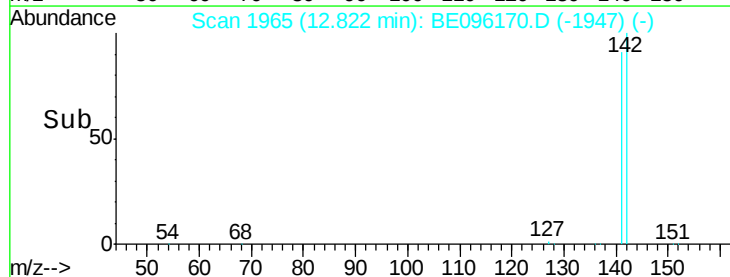
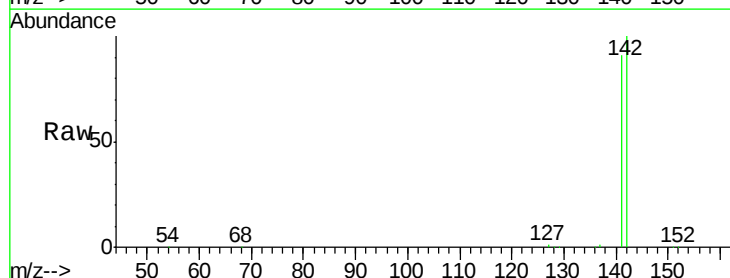
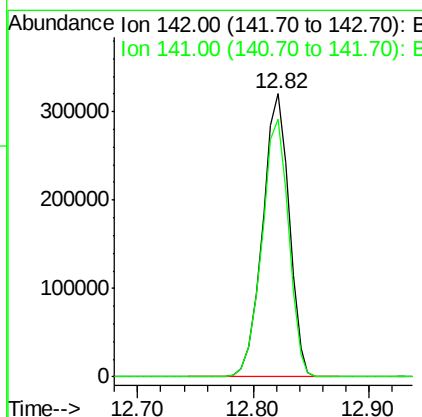
RT: 12.82 min Scan# 1965

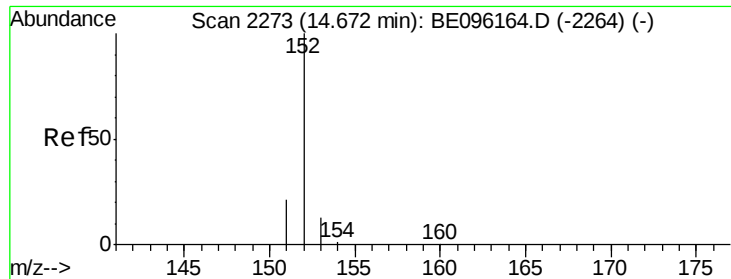
Delta R.T. 0.01 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.6	108.8





#7

Acenaphthylene

Concen: 1.231 ng/ul

RT: 14.68 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

Instrument :

BNA_E

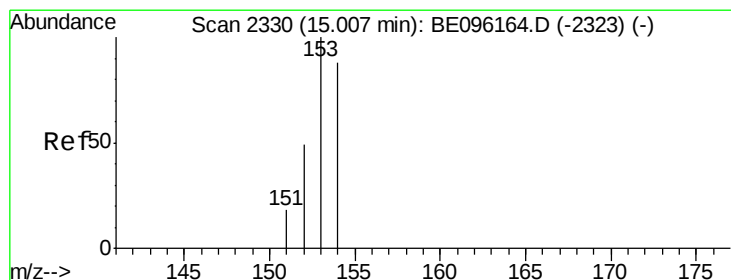
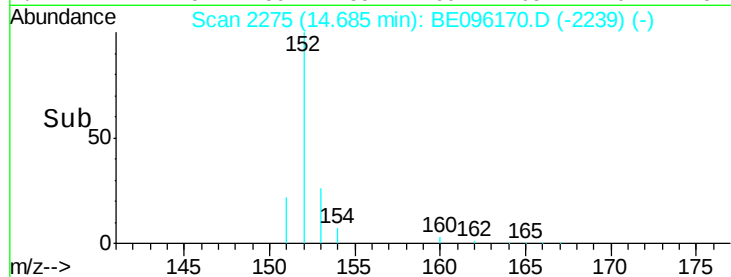
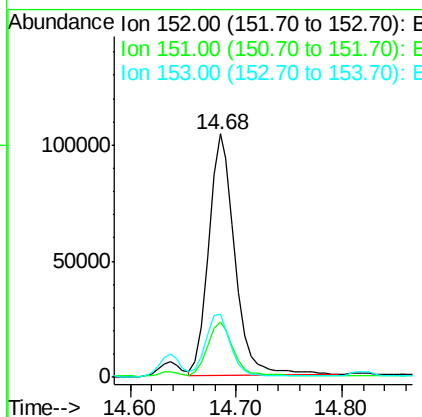
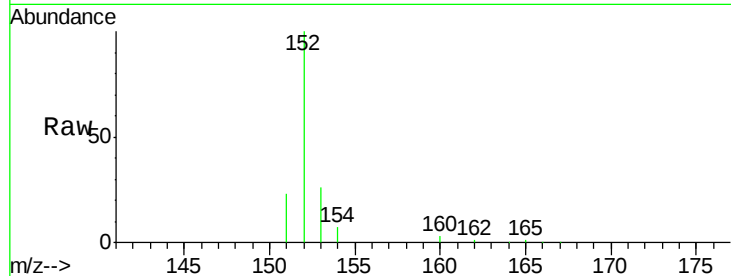
ClientSampled :

DASP6

Tgt Ion:	152	Resp:	177624
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.1	25.7
153	26.0	12.8	19.2

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#8

Acenaphthene

Concen: 34.802 ng/ul

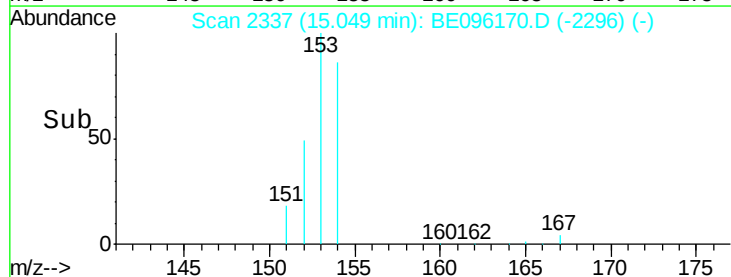
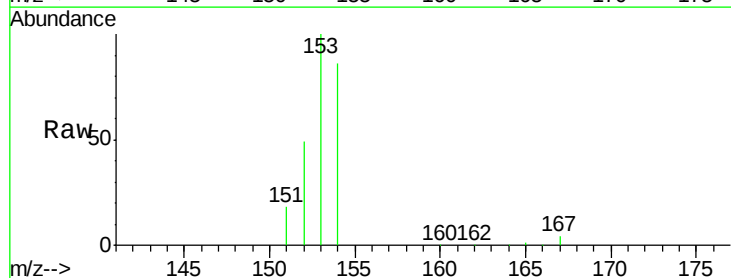
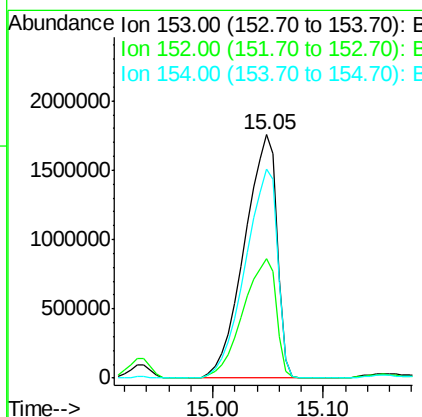
RT: 15.05 min Scan# 2337

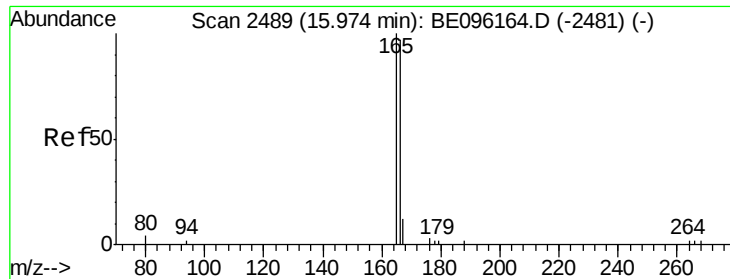
Delta R.T. 0.04 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

Tgt Ion:	153	Resp:	3622195
Ion Ratio	Lower	Upper	
153	100		
152	49.2	36.0	54.0
154	85.9	72.0	108.0





#9

Fluorene

Concen: 50.821 ng/ul

RT: 16.04 min Scan# 2499

Delta R.T. 0.07 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

Instrument :

BNA_E

ClientSampleId :

DASP6

Tgt Ion:166 Resp: 6998700

Ion Ratio Lower Upper

166 100

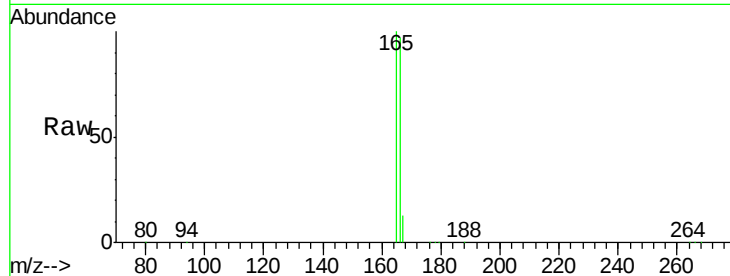
165 102.8 73.4 110.2

167 13.8 14.6 22.0#

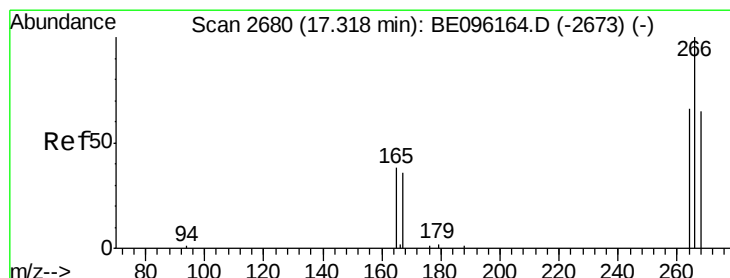
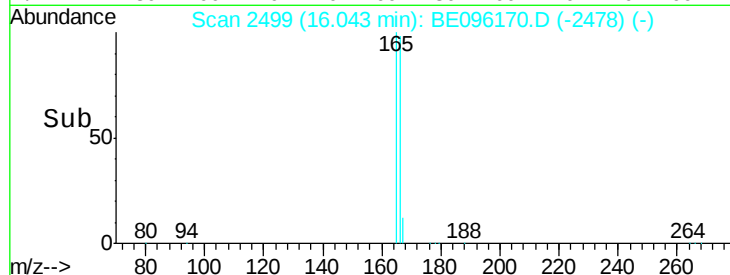
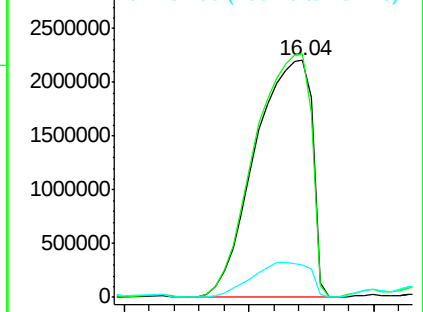
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.243 ng/ul

RT: 17.43 min Scan# 2696

Delta R.T. 0.11 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

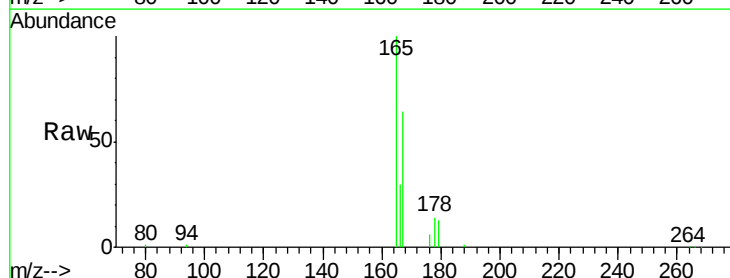
Tgt Ion:266 Resp: 190

Ion Ratio Lower Upper

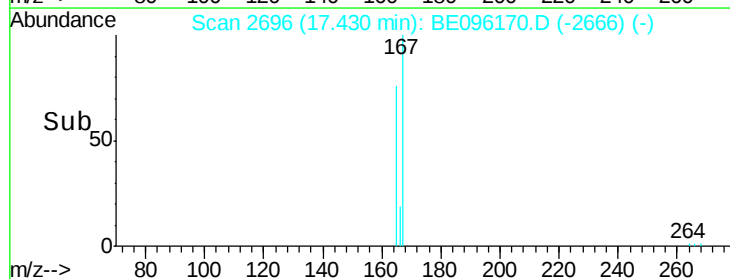
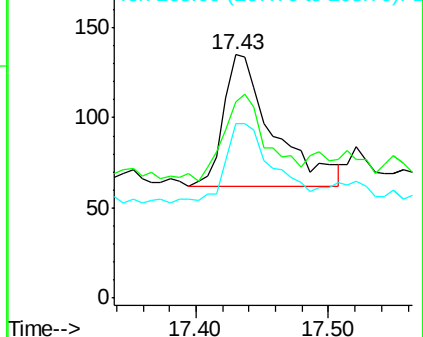
266 100

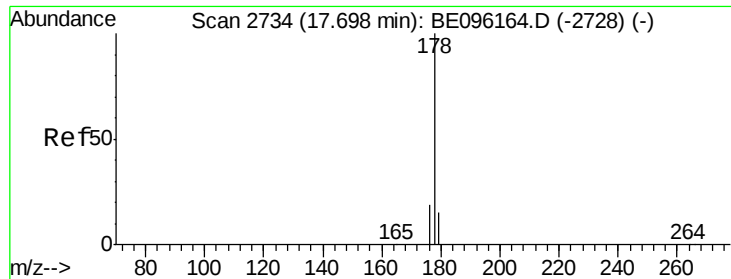
264 52.1 47.9 71.9

268 58.9 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





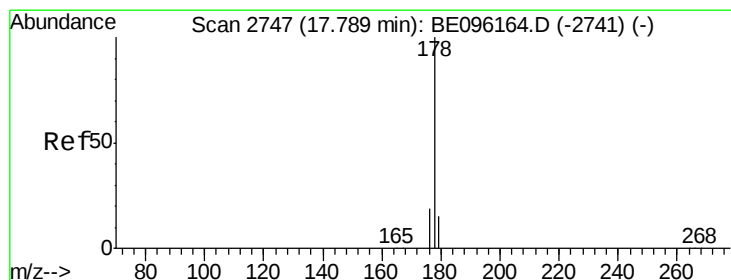
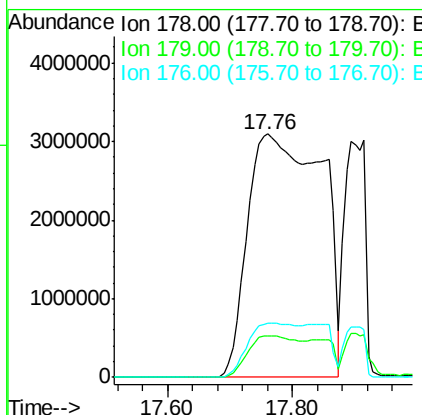
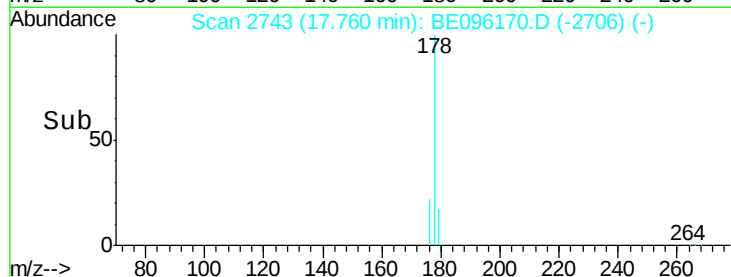
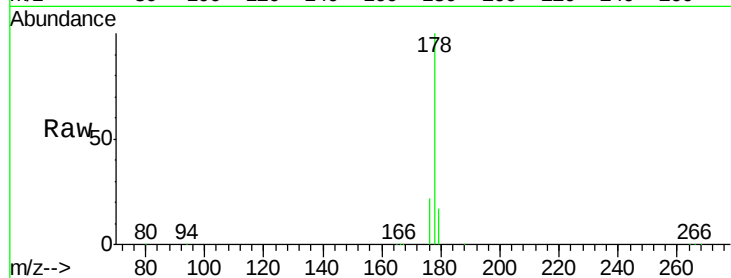
#12
Phenanthrene
Concen: 2662.668 ng/u1
RT: 17.76 min Scan# 2743
Delta R.T. 0.06 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :
DASP6

Tgt Ion:178 Resp:25486089
Ion Ratio Lower Upper
178 100
179 17.2 18.4 27.6#
176 22.3 13.6 20.4#

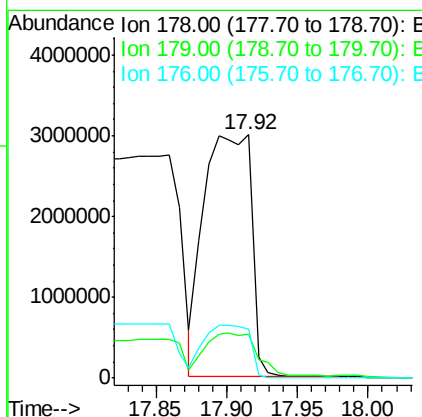
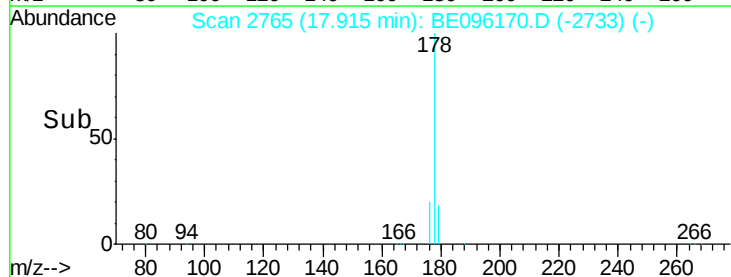
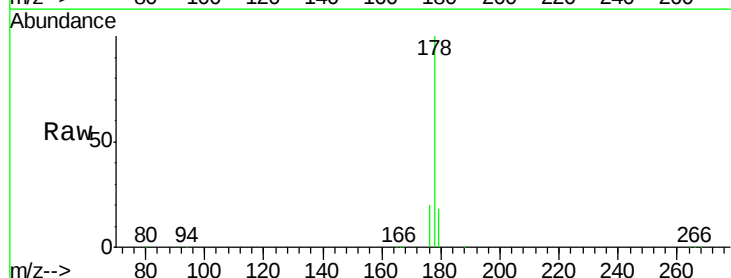
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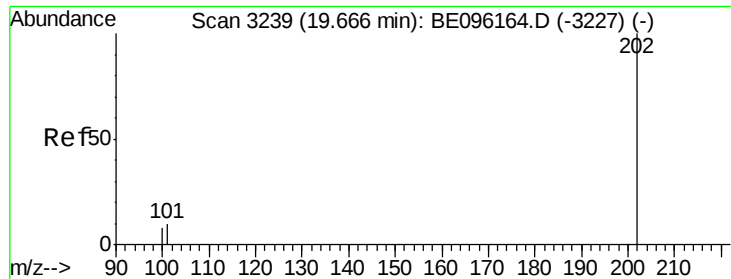
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#13
Anthracene
Concen: 721.927 ng/u1
RT: 17.92 min Scan# 2765
Delta R.T. 0.13 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:178 Resp: 6932541
Ion Ratio Lower Upper
178 100
179 17.9 18.1 27.1#
176 20.4 14.7 22.1





#15

Fluoranthene

Concen: 1230.260 ng/ul

RT: 19.74 min Scan# 3259

Delta R.T. 0.07 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

Instrument :

BNA_E

ClientSampleId :

DASP6

Tgt Ion:202 Resp:17999448

Ion Ratio Lower Upper

202 100

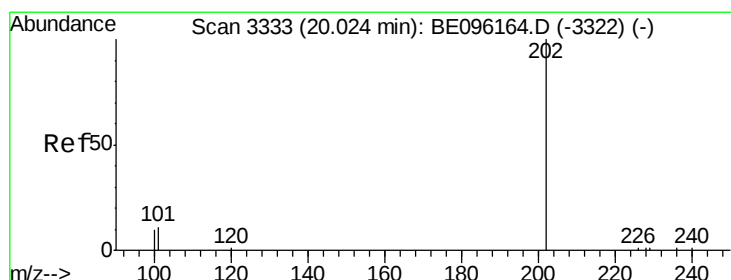
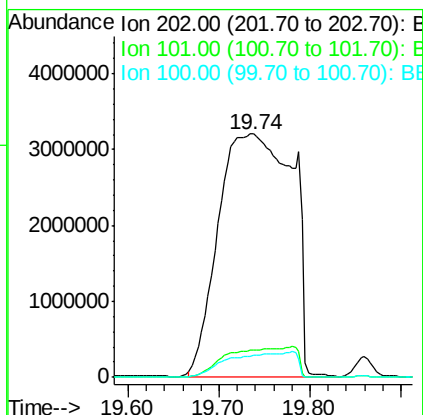
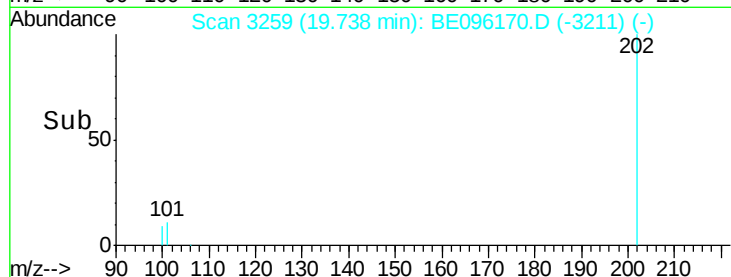
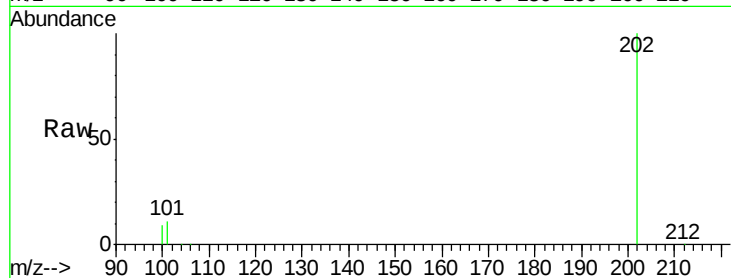
101 11.2 0.0 30.3

100 9.0 0.0 39.5

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#17

Pyrene

Concen: 1175.252 ng/ul m

RT: 20.11 min Scan# 3350

Delta R.T. 0.09 min

Lab File: BE096170.D

Acq: 26 Apr 2018 4:32

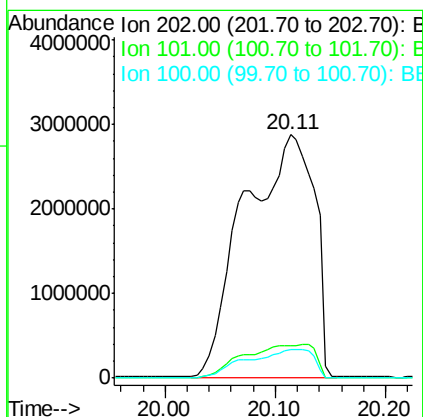
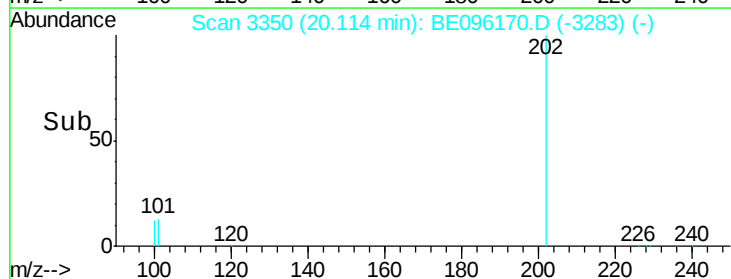
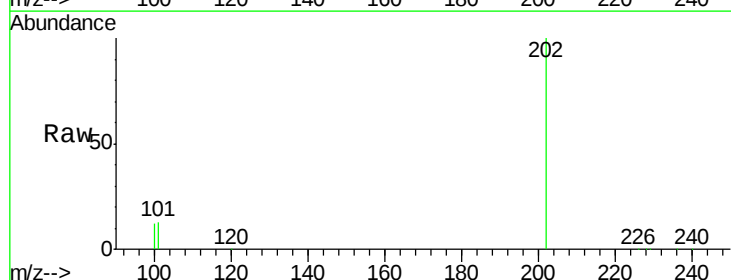
Tgt Ion:202 Resp:12745938

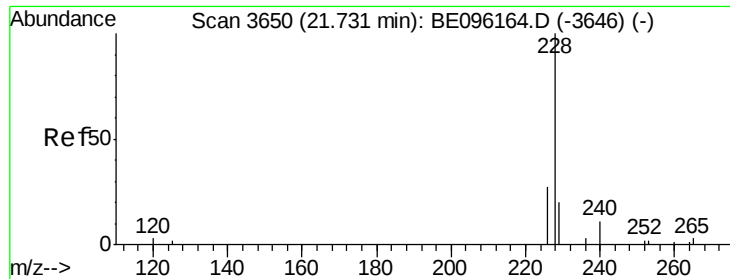
Ion Ratio Lower Upper

202 100

101 13.4 18.2 27.4#

100 11.5 15.6 23.4#





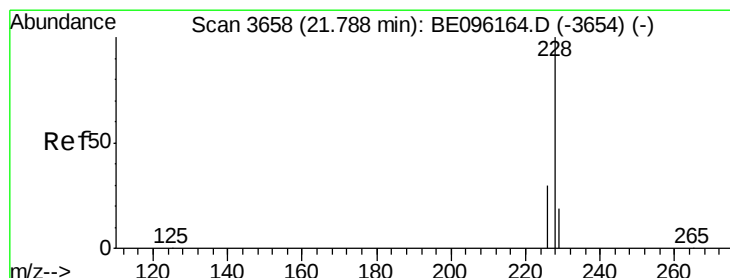
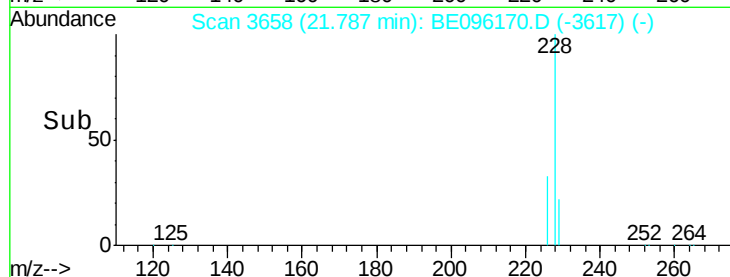
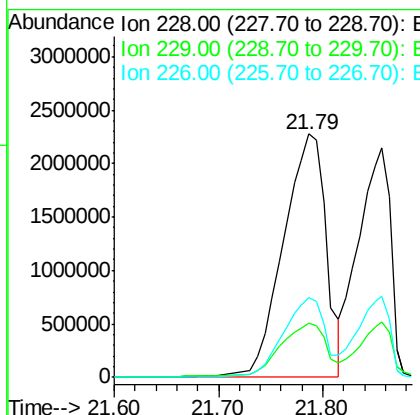
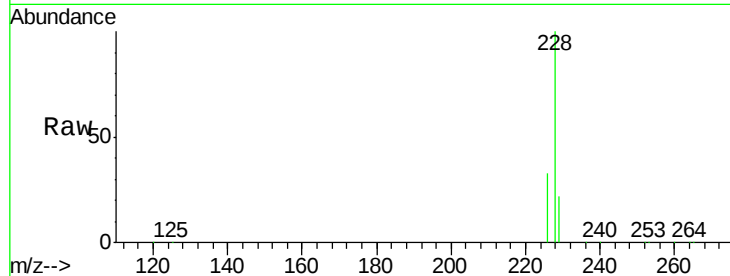
#18
Benzo(a)anthracene
Concen: 441.191 ng/ul m
RT: 21.79 min Scan# 3658
Delta R.T. 0.06 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :
DASP6

Tgt Ion:228 Resp: 7220837
Ion Ratio Lower Upper
228 100
229 22.1 22.8 34.2#
226 32.9 17.0 25.6#

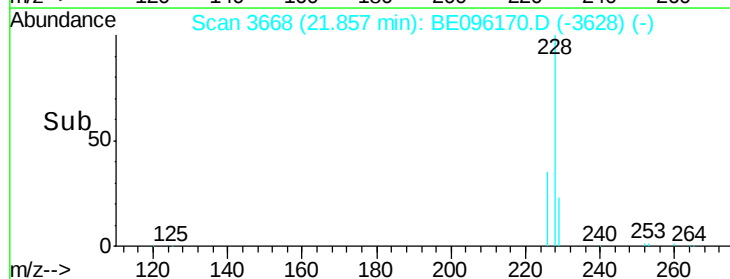
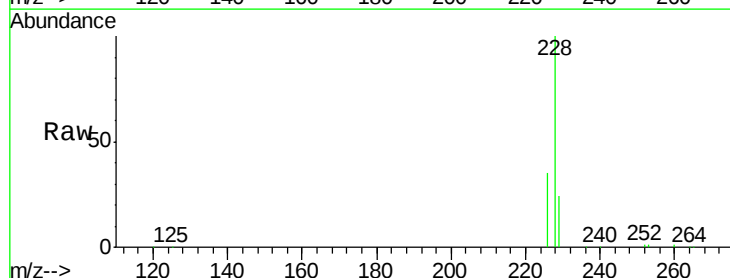
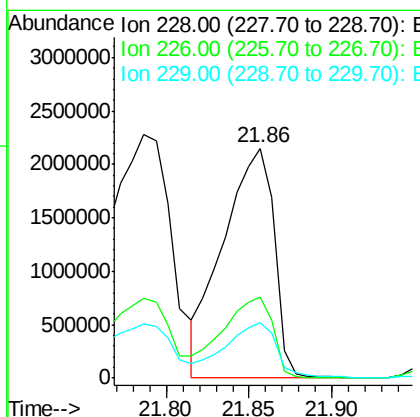
Manual Integrations
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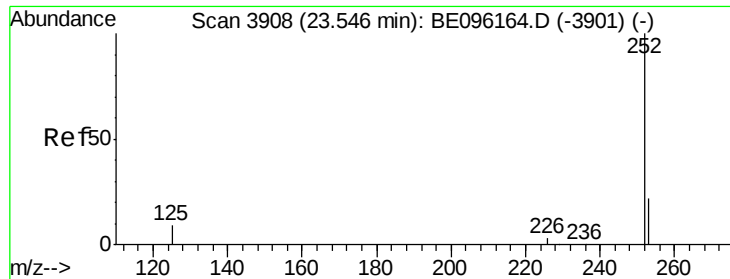
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#19
Chrysene
Concen: 308.811 ng/ul m
RT: 21.86 min Scan# 3668
Delta R.T. 0.07 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:228 Resp: 4644339
Ion Ratio Lower Upper
228 100
226 35.3 23.4 35.0#
229 24.0 17.7 26.5





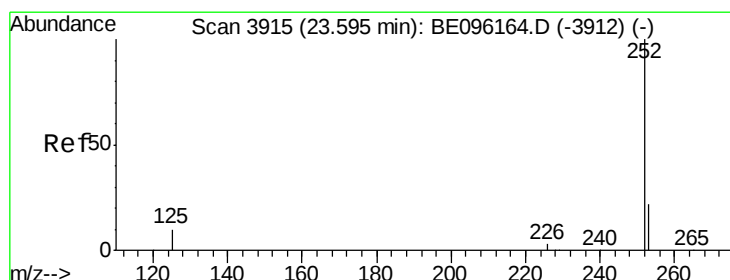
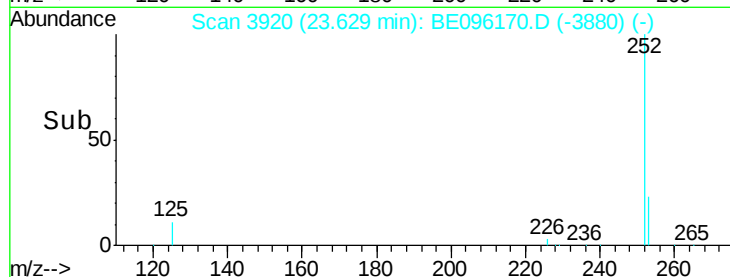
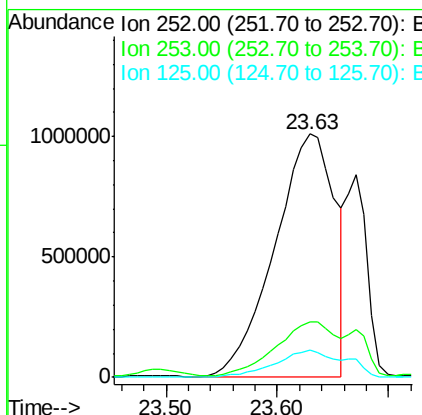
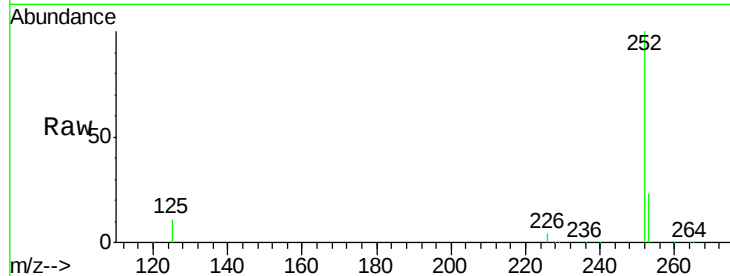
#21
Benzo(b)fluoranthene
Concen: 161.786 ng/ul m
RT: 23.63 min Scan# 3920
Delta R.T. 0.08 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampled :
DASP6

Tgt Ion:252 Resp: 3813462
Ion Ratio Lower Upper
252 100
253 22.8 0.0 64.2
125 11.0 0.0 35.0

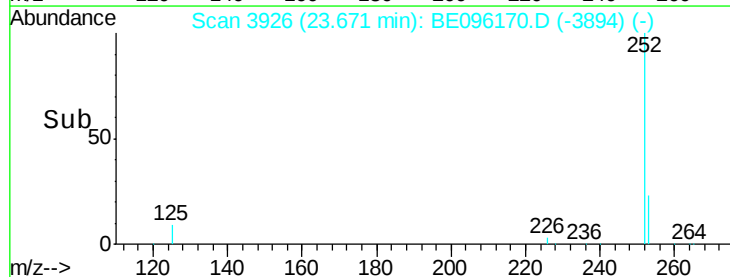
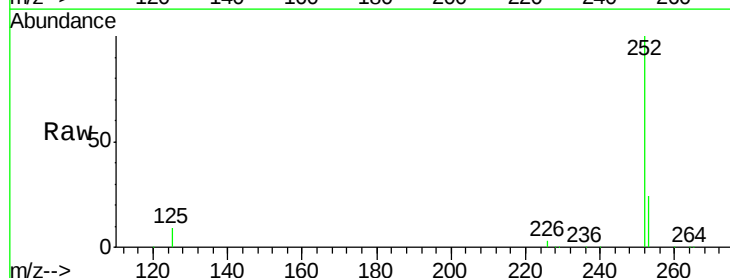
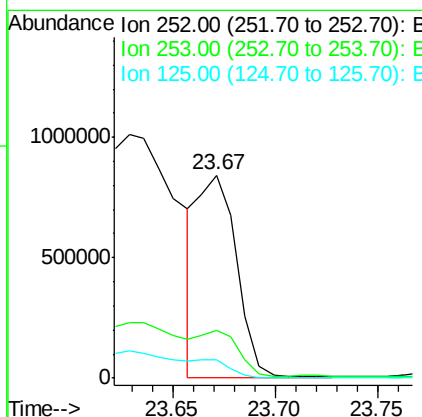
Manual Integrations
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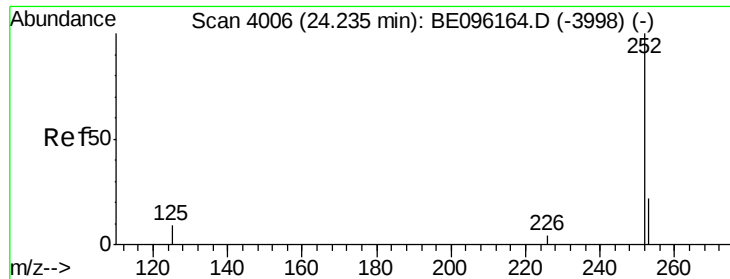
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#22
Benzo(k)fluoranthene
Concen: 49.462 ng/ul m
RT: 23.67 min Scan# 3926
Delta R.T. 0.08 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion:252 Resp: 1114547
Ion Ratio Lower Upper
252 100
253 23.7 24.5 36.7#
125 8.9 13.7 20.5#





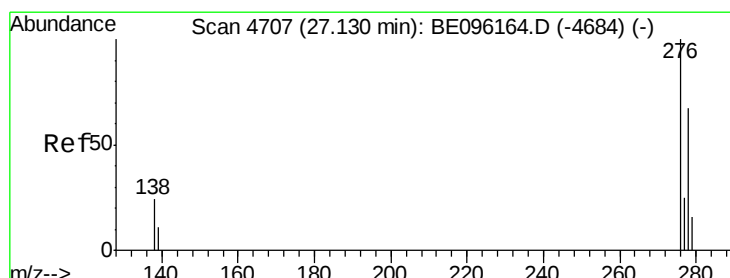
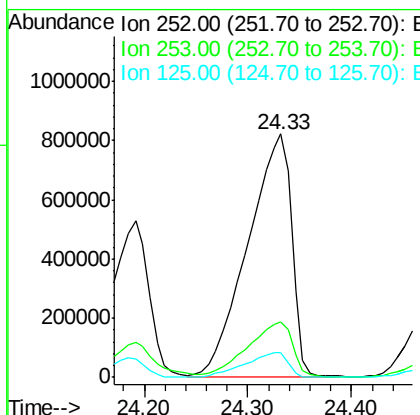
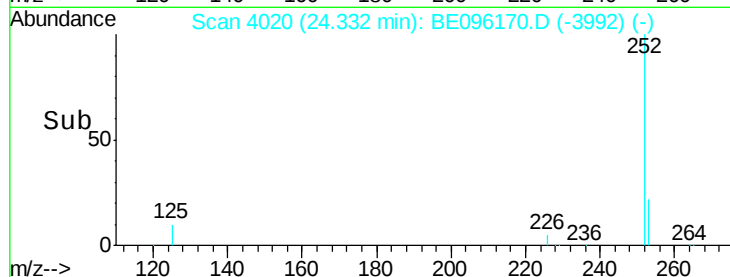
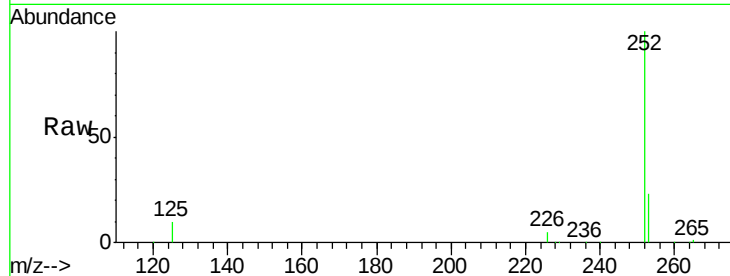
#23
Benzo(a)pyrene
Concen: 119.058 ng/ul m
RT: 24.33 min Scan# 4020
Delta R.T. 0.10 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampleId :
DASP6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	10.0	18.1	27.1#

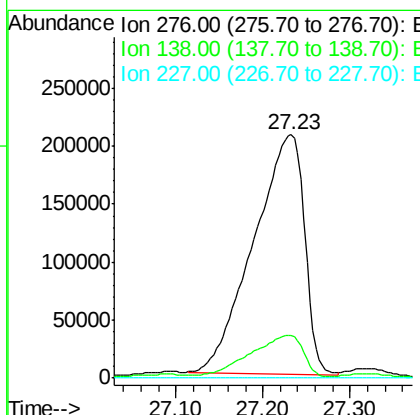
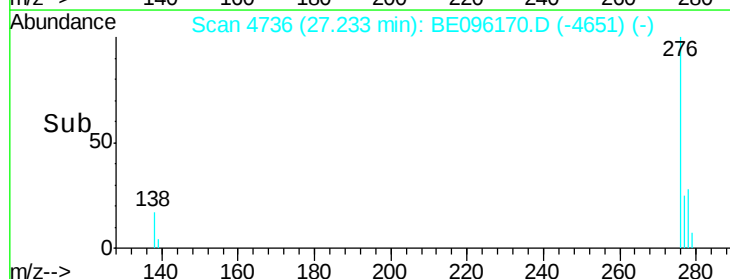
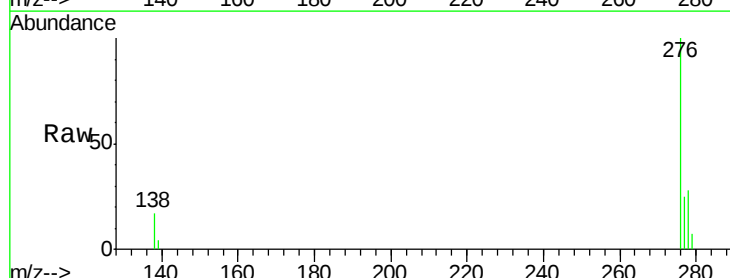
Manual Integrations
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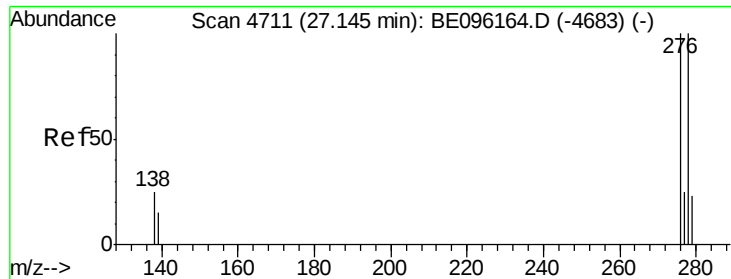
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#24
Indeno(1,2,3-cd)pyrene
Concen: 30.247 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.10 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	28.0	42.0#
227	0.0	8.0	12.0#





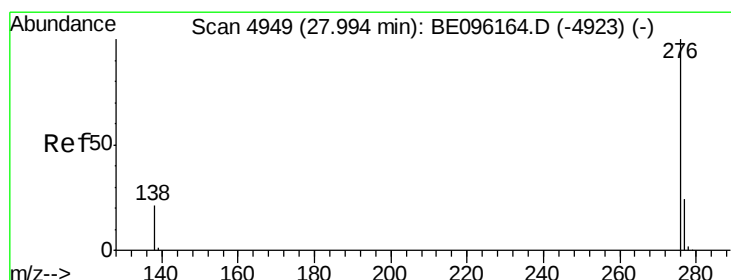
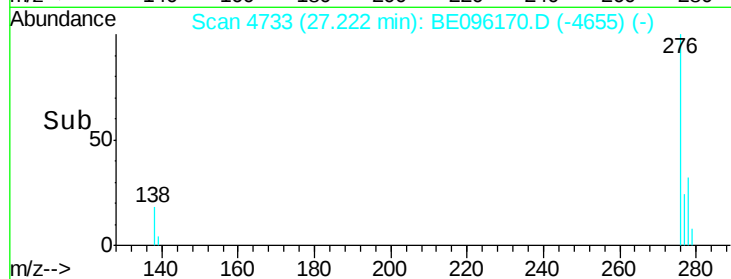
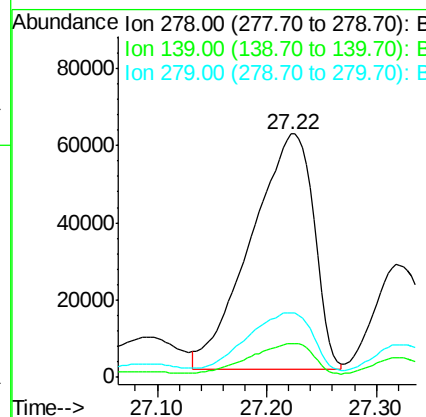
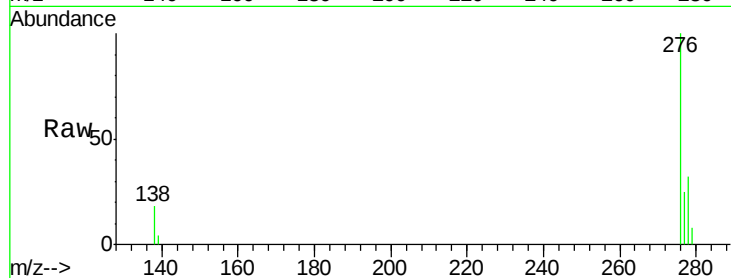
#25
Dibenzo(a,h)anthracene
Concen: 10.611 ng/ul m
RT: 27.22 min Scan# 4733
Delta R.T. 0.08 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Instrument :
BNA_E
ClientSampled :
DASP6

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	245145		
139	14.1	17.4	26.0#	
279	26.7	25.9	38.9	

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 29.169 ng/ul
RT: 28.10 min Scan# 4980
Delta R.T. 0.11 min
Lab File: BE096170.D
Acq: 26 Apr 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	700570		
138	18.4	21.8	32.8#	
277	24.5	20.5	30.7	

