

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096165.D
 Acq On : 26 Apr 2018 1:29
 Operator : SJ/JU
 Sample : J2431-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP4

Manual Integrations
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 4/26/2018 6:20:21 PM

Quant Time: Apr 26 06:46:12 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	1032	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	4293	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2711	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	6229m	0.40	ng/ul	0.01
16) Chrysene-d12	21.77	240	8091	0.40	ng/ul	0.03
20) Perylene-d12	24.37	264	5750	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	3184	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6775	0.24	ng/ul	0.02
Target Compounds					Qvalue	
3) Naphthalene	11.23	128	43146	3.609	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	75351	9.408	ng/ul	100
7) Acenaphthylene	14.68	152	63796	4.565	ng/ul	97
8) Acenaphthene	15.01	153	393369	39.038	ng/ul	92
9) Fluorene	15.99	166	1053574	79.022	ng/ul#	88
11) Pentachlorophenol	17.34	266	144	0.096	ng/ul	92
12) Phenanthrene	17.75	178	12100734	659.818	ng/ul#	88
13) Anthracene	17.82	178	2678083	145.554	ng/ul#	90
15) Fluoranthene	19.72	202	12195292	435.039	ng/ul	84
17) Pyrene	20.07	202	9502687	585.436	ng/ul#	81
18) Benzo(a)anthracene	21.75	228	3730671	152.300	ng/ul#	83
19) Chrysene	21.81	228	2006885	89.159	ng/ul	96
21) Benzo(b)fluoranthene	23.58	252	1635411m	75.114	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	604749m	29.055	ng/ul	
23) Benzo(a)pyrene	24.27	252	1043426	55.164	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.16	276	396481	15.557	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.16	278	115285m	5.402	ng/ul	
26) Benzo(g,h,i)perylene	28.03	276	287134	12.943	ng/ul#	91

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

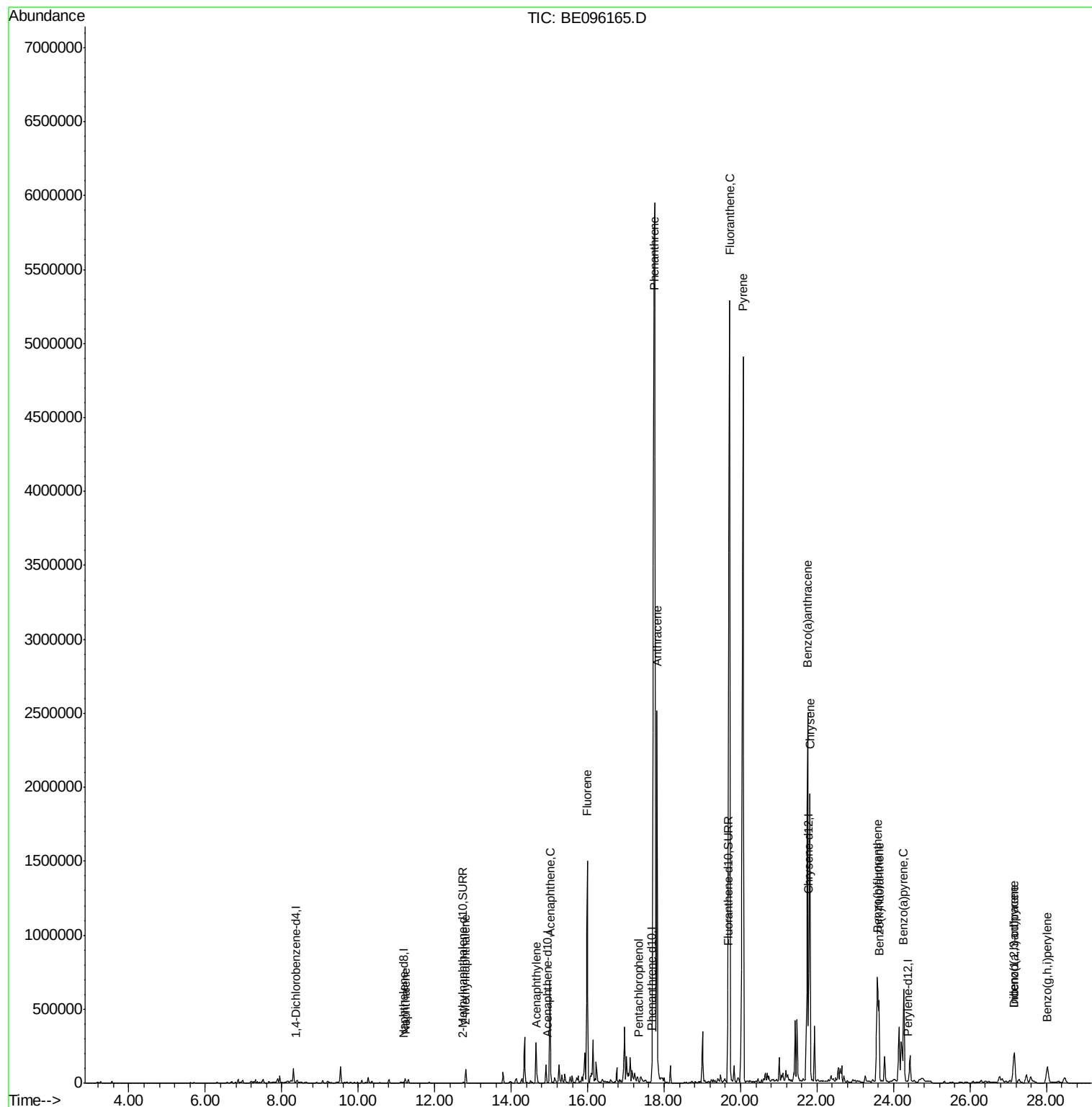
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
Data File : BE096165.D
Acq On : 26 Apr 2018 1:29
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Misc :
ALS Vial : 24 Sample Multiplier: 1

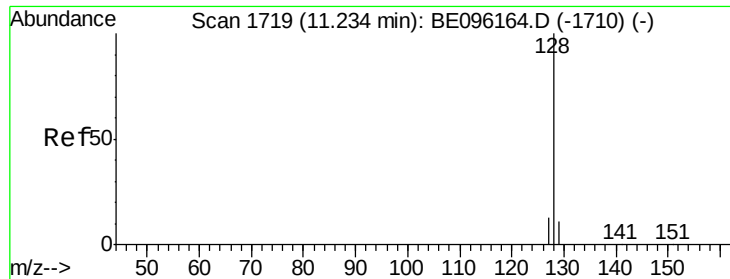
Instrument :
BNA_E
ClientSampleId :
DASP4

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Quant Time: Apr 26 06:46:12 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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QLast Update : Thu Apr 26 06:40:54 2018
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#3

Naphthalene

Concen: 3.609 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

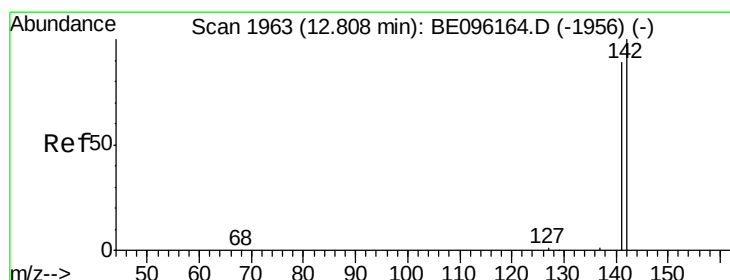
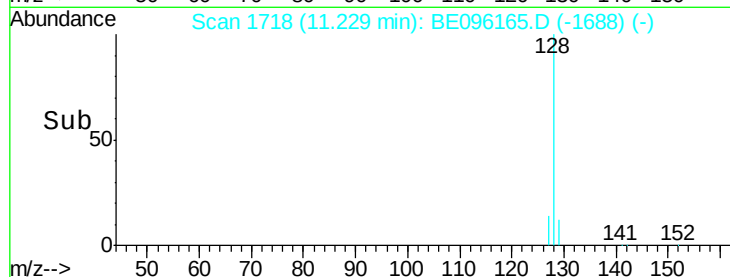
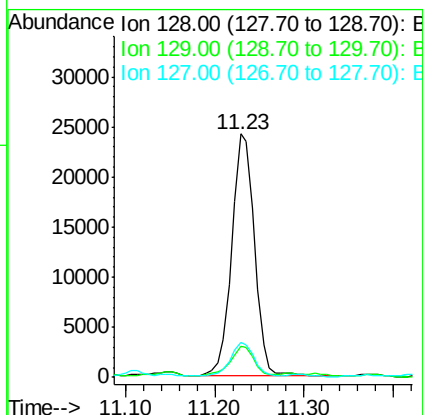
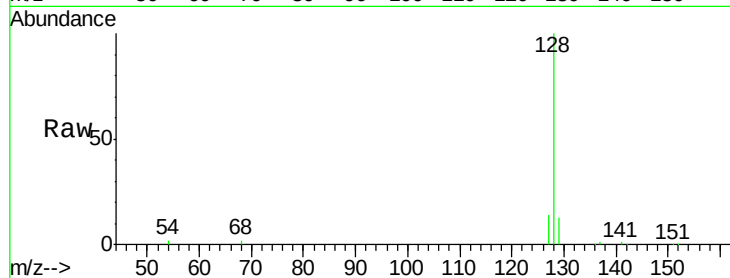
ClientSampleId :

DASP4

Tgt Ion:	128	Resp:	43146
Ion Ratio	Lower	Upper	
128	100		
129	12.9	11.3	16.9
127	14.5	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 9.408 ng/ul

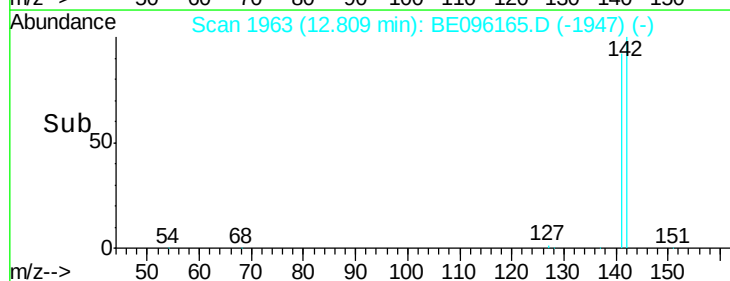
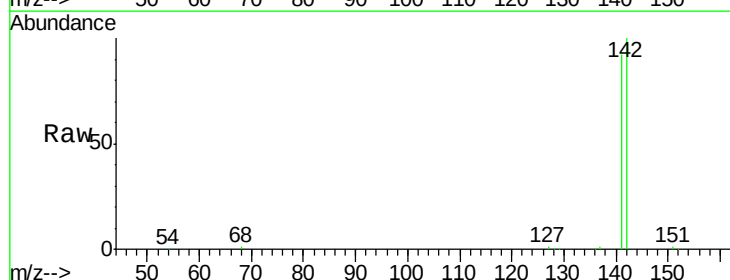
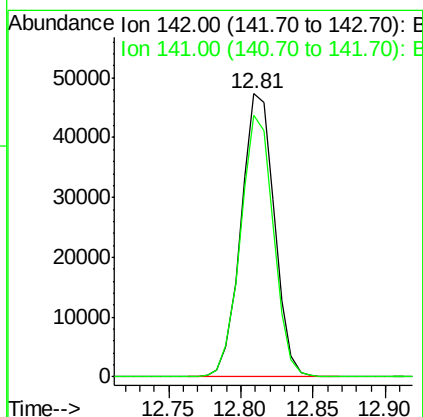
RT: 12.81 min Scan# 1963

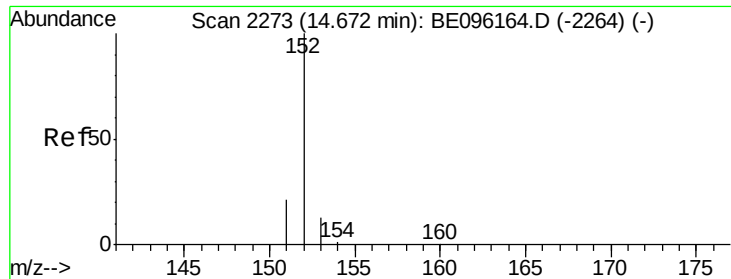
Delta R.T. 0.00 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Tgt Ion:	142	Resp:	75351
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.6	108.8





#7

Acenaphthylene

Concen: 4.565 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

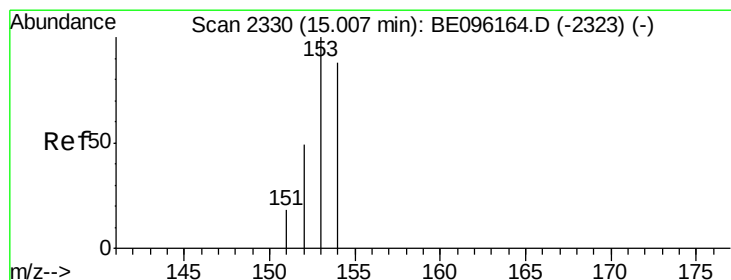
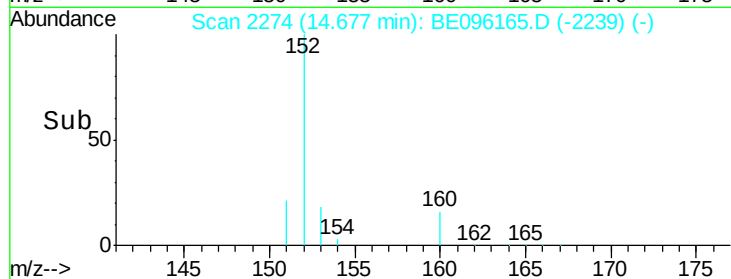
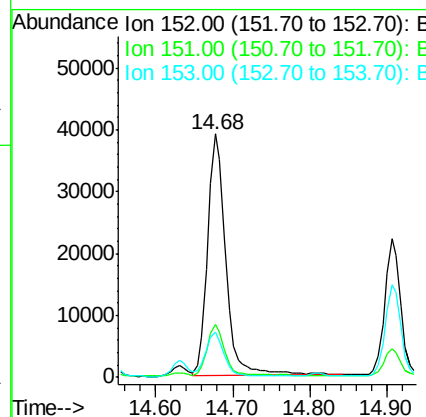
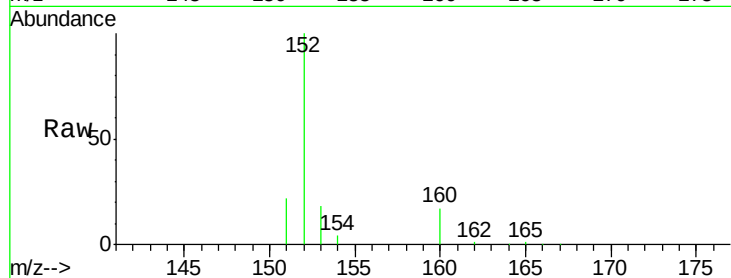
ClientSampled :

DASP4

Tgt Ion:	152	Resp:	63796
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.1	25.7
153	18.3	12.8	19.2

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#8

Acenaphthene

Concen: 39.038 ng/ul

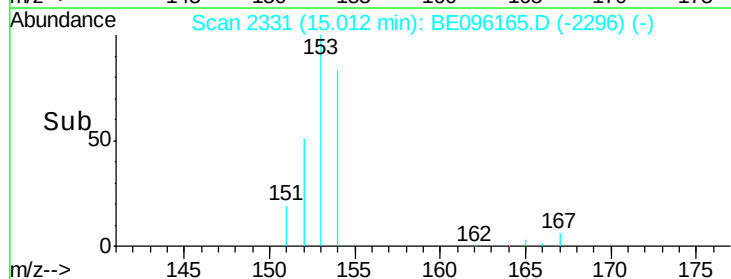
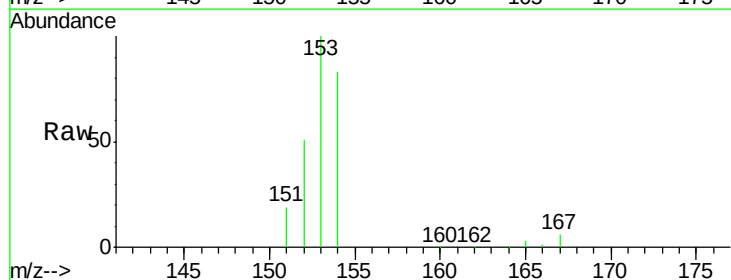
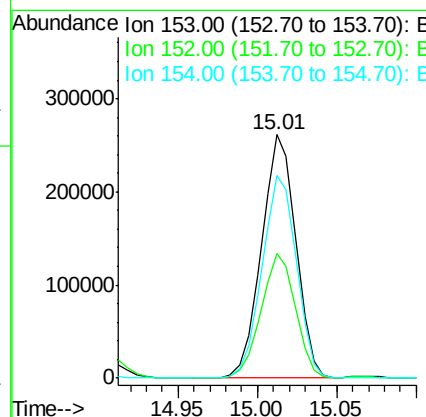
RT: 15.01 min Scan# 2331

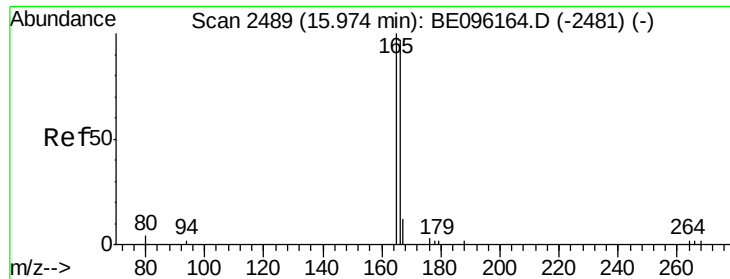
Delta R.T. 0.00 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Tgt Ion:	153	Resp:	393369
Ion Ratio	Lower	Upper	
153	100		
152	51.3	36.0	54.0
154	83.3	72.0	108.0





#9

Fluorene

Concen: 79.022 ng/ul

RT: 15.99 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampled :

DASP4

Tgt Ion:166 Resp: 1053574

Ion Ratio Lower Upper

166 100

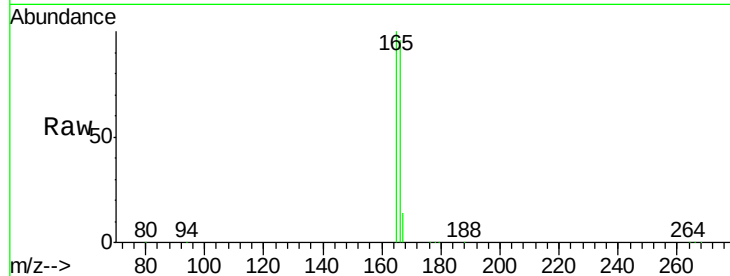
165 103.7 73.4 110.2

167 14.4 14.6 22.0#

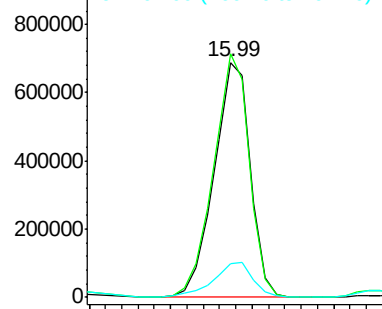
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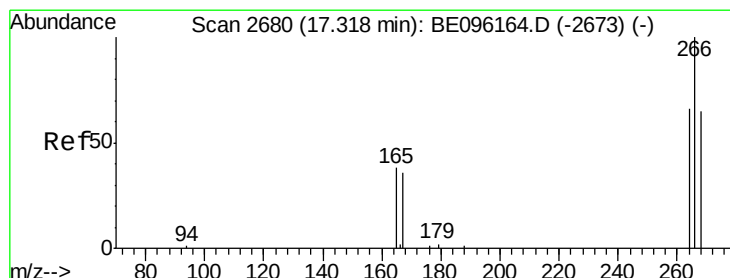
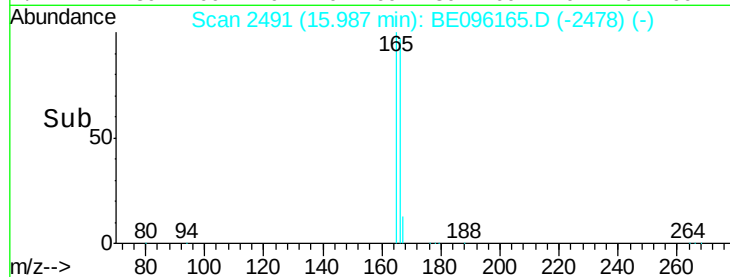
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.90 15.95 16.00 16.05



#11

Pentachlorophenol

Concen: 0.096 ng/ul

RT: 17.34 min Scan# 2684

Delta R.T. 0.03 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

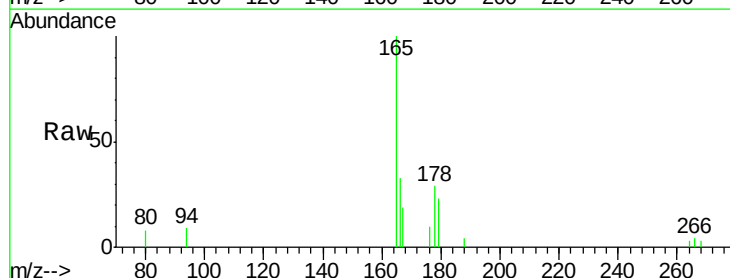
Tgt Ion:266 Resp: 144

Ion Ratio Lower Upper

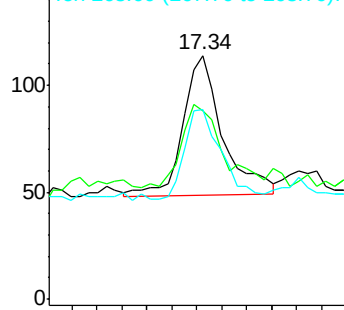
266 100

264 68.1 47.9 71.9

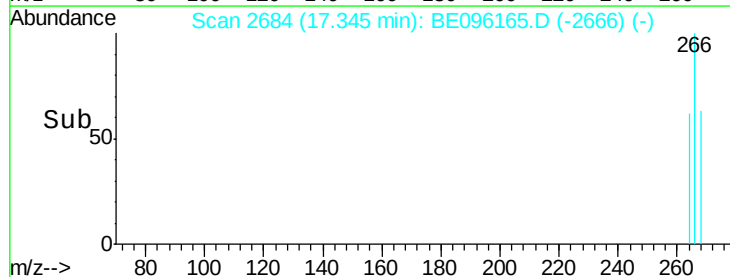
268 58.3 49.8 74.8

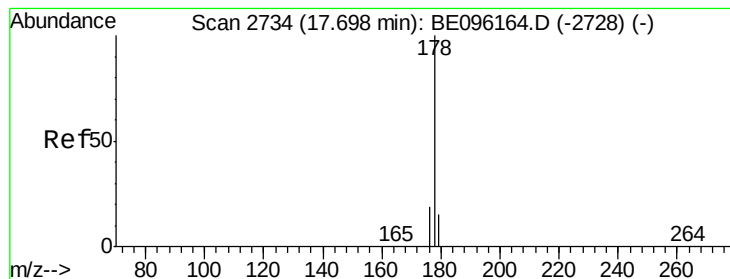


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time--> 17.30 17.40





#12

Phenanthrene

Concen: 659.818 ng/ul

RT: 17.75 min Scan# 2742

Delta R.T. 0.06 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampleId :

DASP4

Tgt Ion:178 Resp:12100734

Ion Ratio Lower Upper

178 100

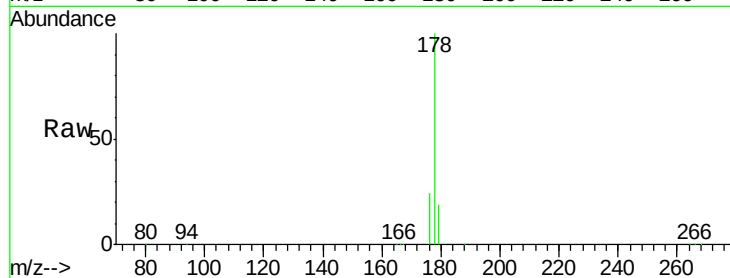
179 18.5 18.4 27.6

176 24.0 13.6 20.4#

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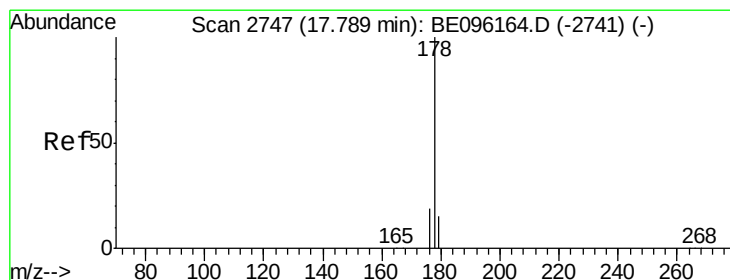
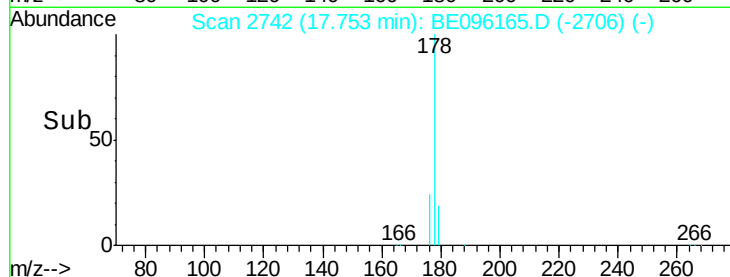
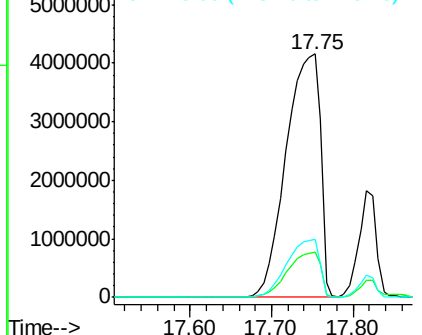
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 145.554 ng/ul

RT: 17.82 min Scan# 2751

Delta R.T. 0.03 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Tgt Ion:178 Resp: 2678083

Ion Ratio Lower Upper

178 100

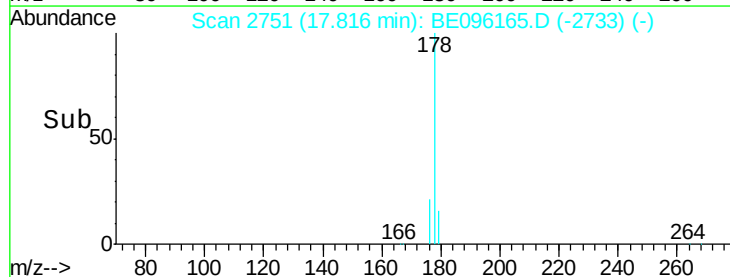
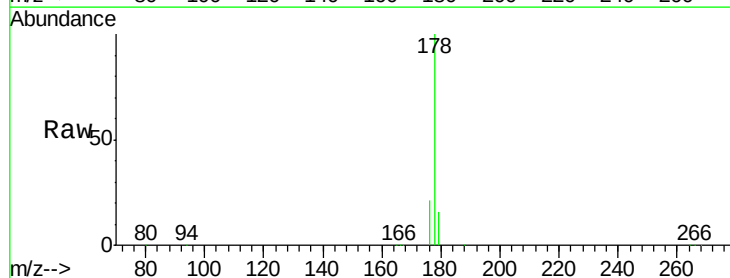
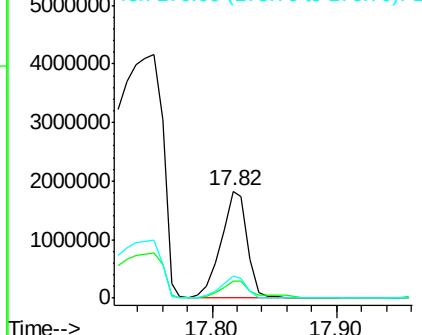
179 15.9 18.1 27.1#

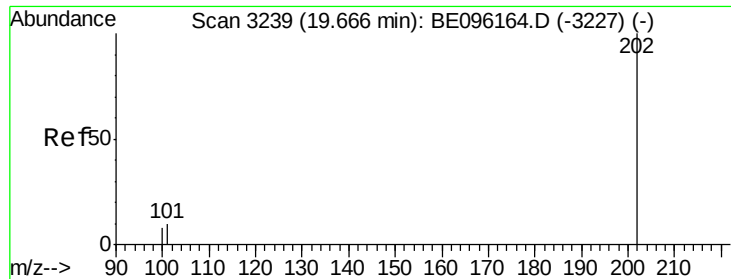
176 21.0 14.7 22.1

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





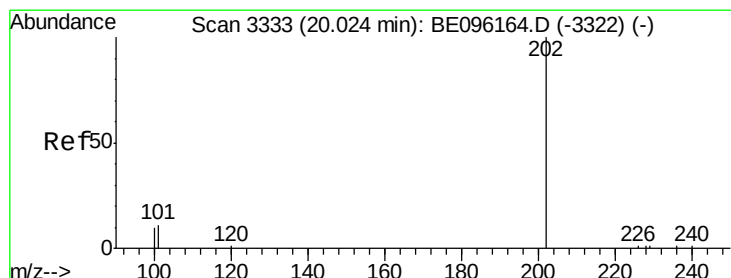
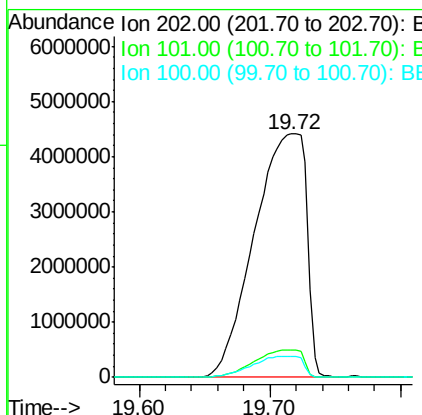
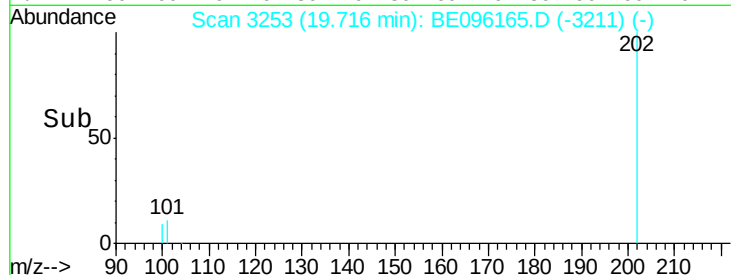
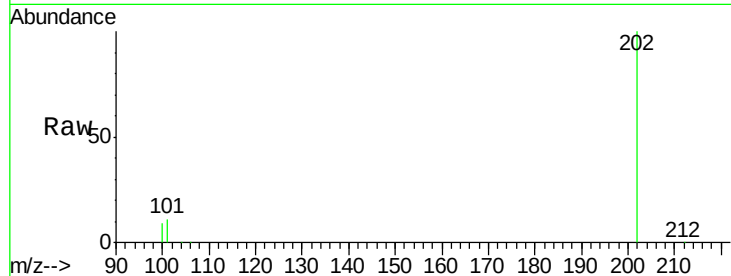
#15
Fluoranthene
Concen: 435.039 ng/ul
RT: 19.72 min Scan# 3253
Delta R.T. 0.05 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Instrument :
BNA_E
ClientSampled :
DASP4

Tgt Ion:202 Resp:12195292
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.3
100 8.8 0.0 39.5

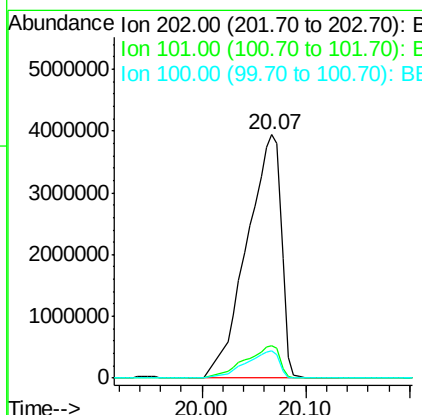
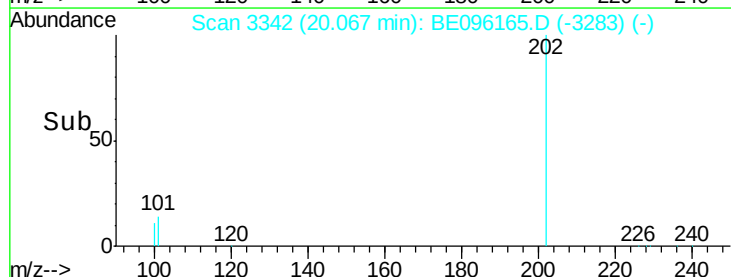
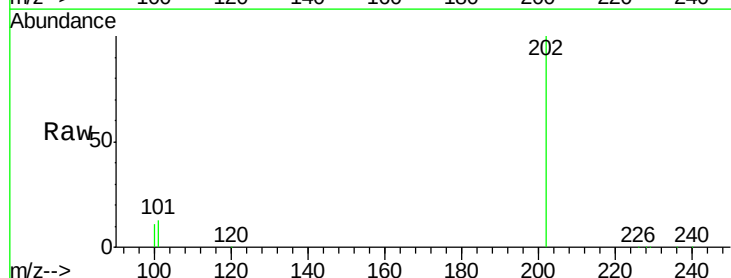
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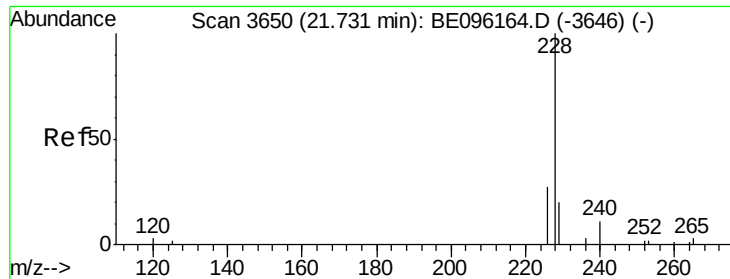
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#17
Pyrene
Concen: 585.436 ng/ul
RT: 20.07 min Scan# 3342
Delta R.T. 0.04 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Tgt Ion:202 Resp: 9502687
Ion Ratio Lower Upper
202 100
101 13.5 18.2 27.4#
100 11.0 15.6 23.4#





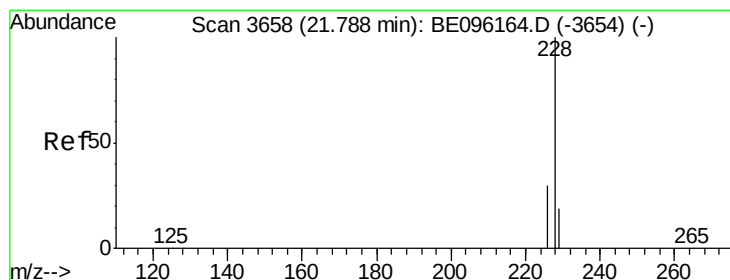
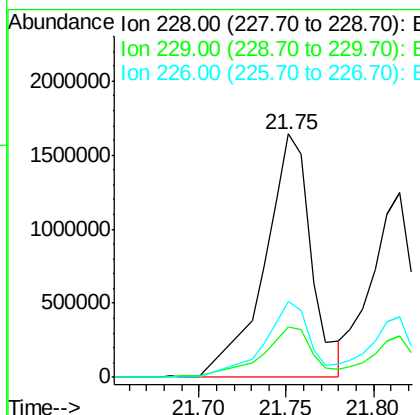
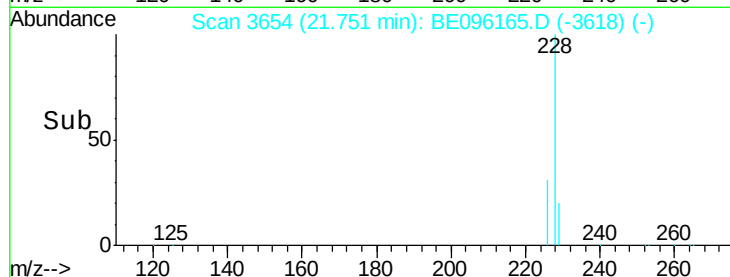
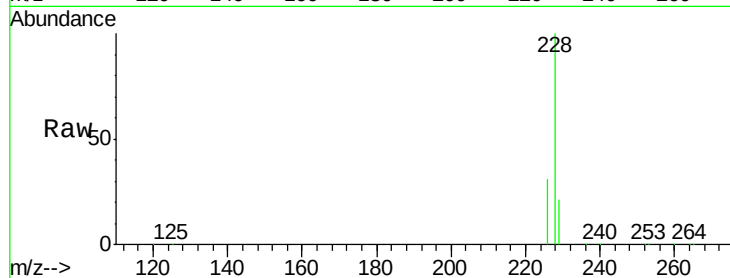
#18
Benzo(a)anthracene
Concen: 152.300 ng/ul
RT: 21.75 min Scan# 3654
Delta R.T. 0.02 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Instrument :
BNA_E
ClientSampleId :
DASP4

Tgt Ion:228 Resp: 3730671
Ion Ratio Lower Upper
228 100
229 20.7 22.8 34.2#
226 31.3 17.0 25.6#

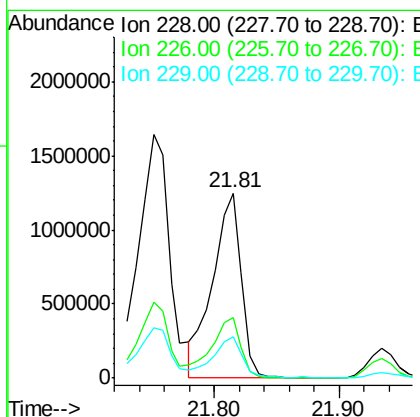
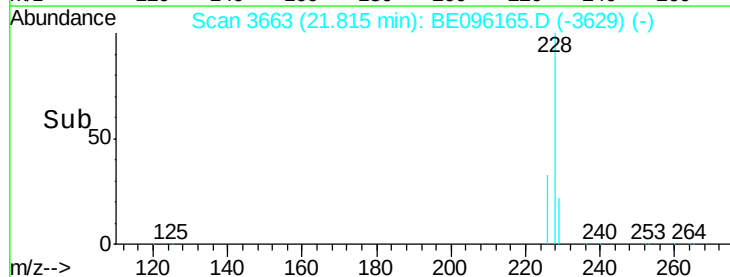
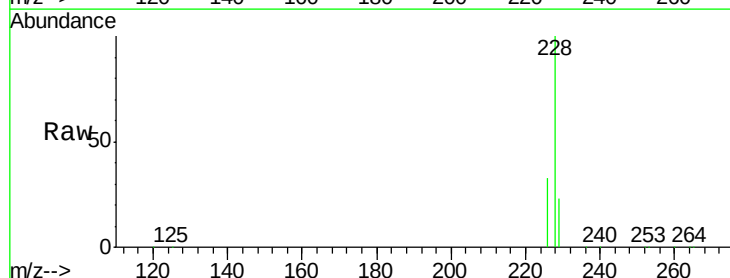
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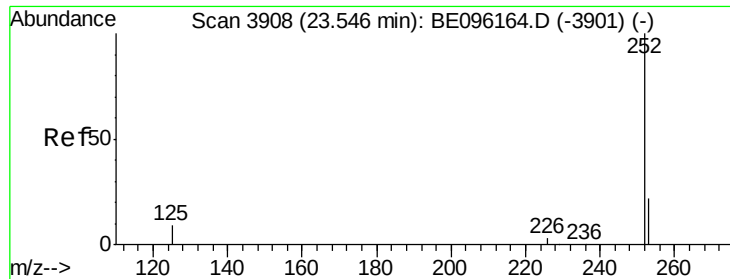
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#19
Chrysene
Concen: 89.159 ng/ul
RT: 21.81 min Scan# 3663
Delta R.T. 0.03 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Tgt Ion:228 Resp: 2006885
Ion Ratio Lower Upper
228 100
226 32.7 23.4 35.0
229 22.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 75.114 ng/ul m

RT: 23.58 min Scan# 3914

Delta R.T. 0.03 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampleId :

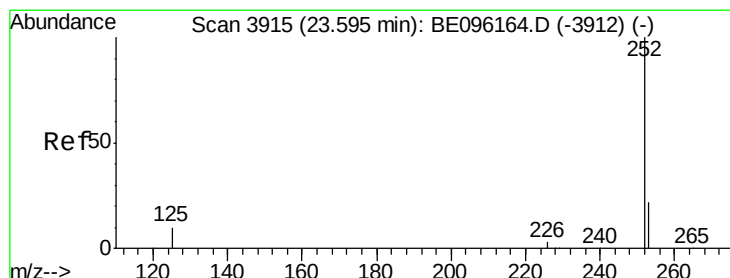
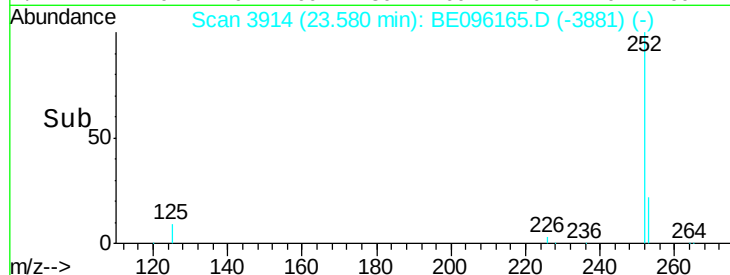
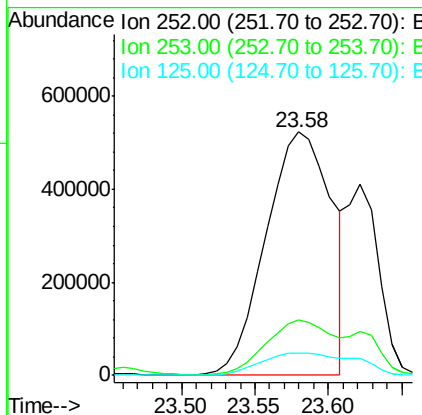
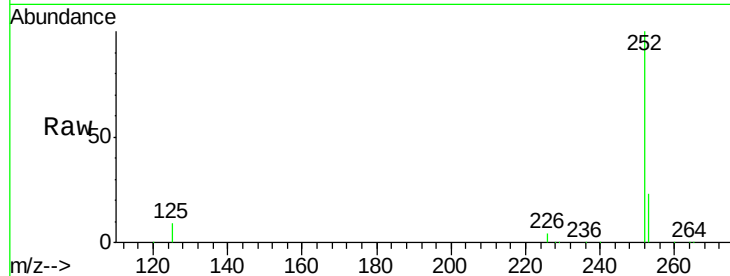
DASP4

Tgt Ion:252 Resp: 1635411

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	9.3	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 29.055 ng/ul m

RT: 23.62 min Scan# 3920

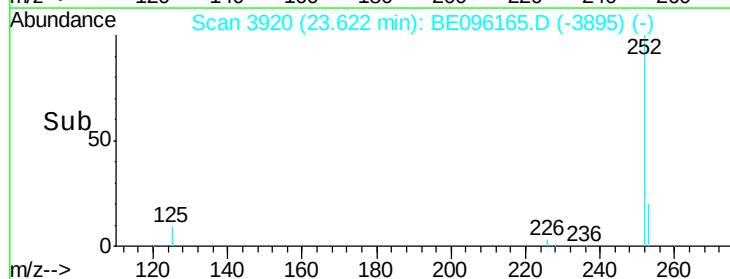
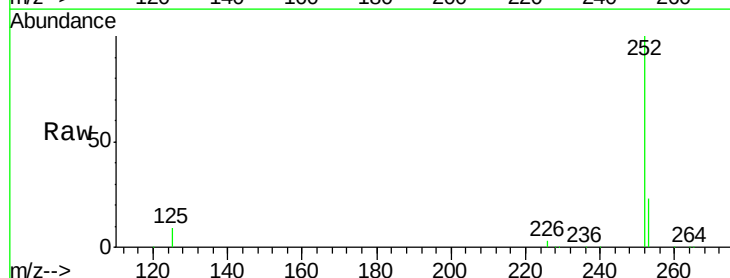
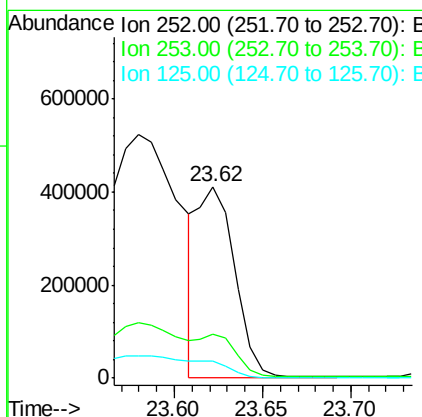
Delta R.T. 0.03 min

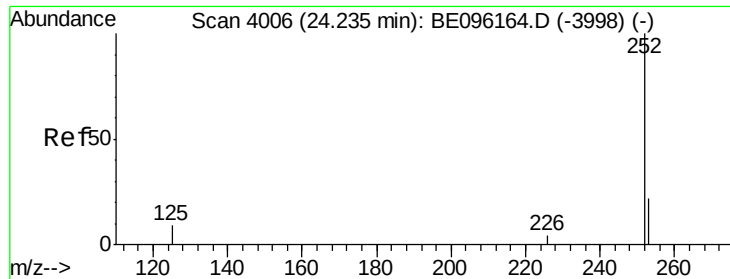
Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Tgt Ion:252 Resp: 604749

Ion	Ratio	Lower	Upper
252	100		
253	22.9	24.5	36.7#
125	8.7	13.7	20.5#





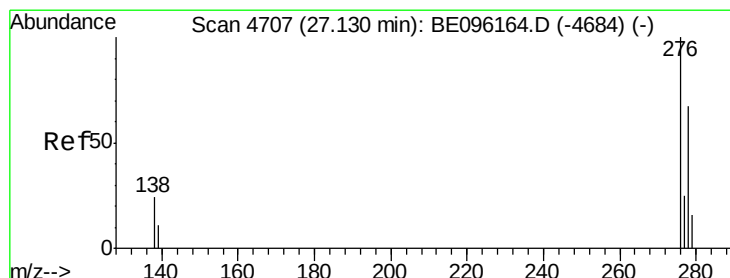
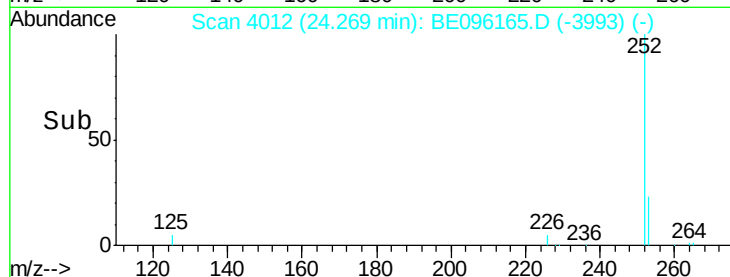
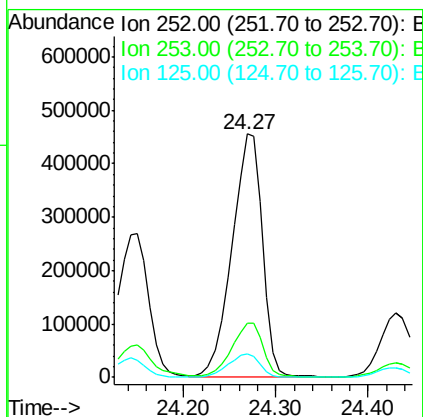
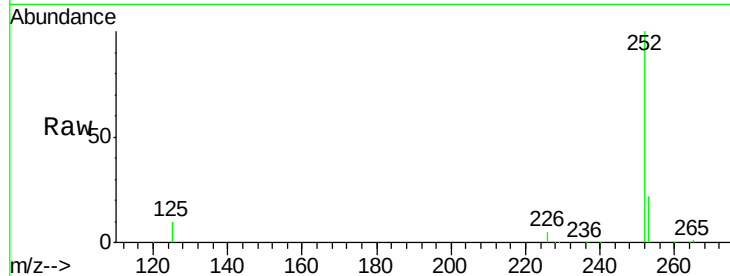
#23
Benzo(a)pyrene
Concen: 55.164 ng/ul
RT: 24.27 min Scan# 4012
Delta R.T. 0.03 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Instrument :
BNA_E
ClientSampleId :
DASP4

Tgt Ion: 252 Resp: 1043426
Ion Ratio Lower Upper
252 100
253 22.3 28.5 42.7#
125 9.8 18.1 27.1#

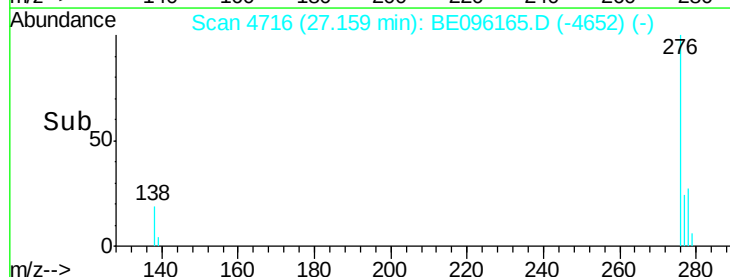
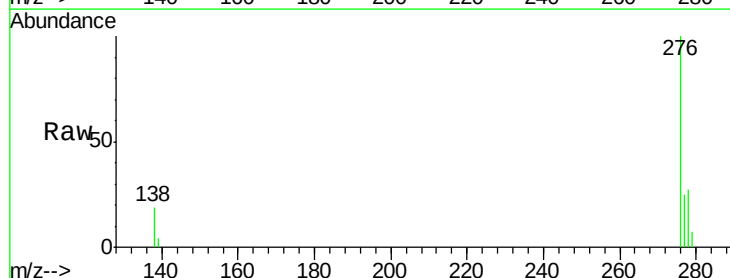
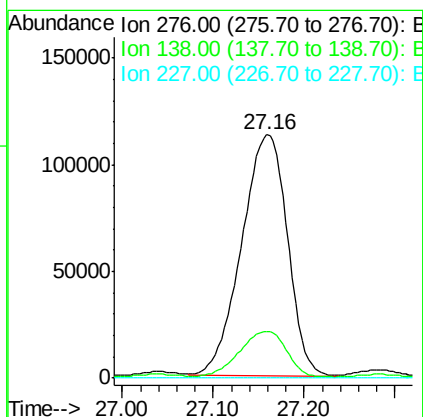
Manual Integrations
APPROVED

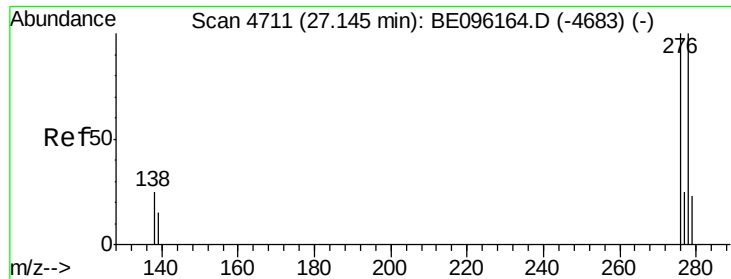
Sohil
4/26/2018 6:20:21 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 15.557 ng/ul
RT: 27.16 min Scan# 4716
Delta R.T. 0.03 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Tgt Ion: 276 Resp: 396481
Ion Ratio Lower Upper
276 100
138 19.4 28.0 42.0#
227 0.0 8.0 12.0#





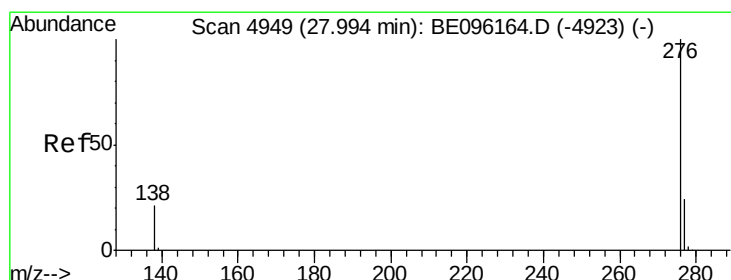
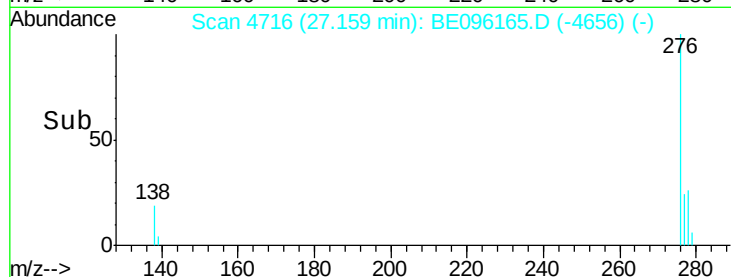
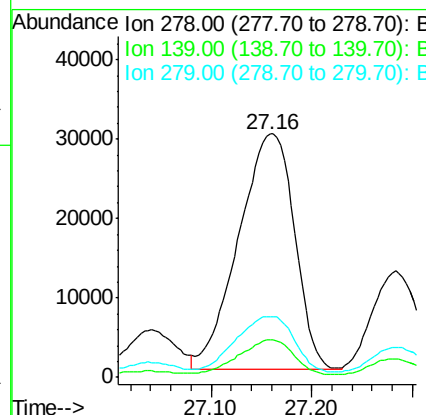
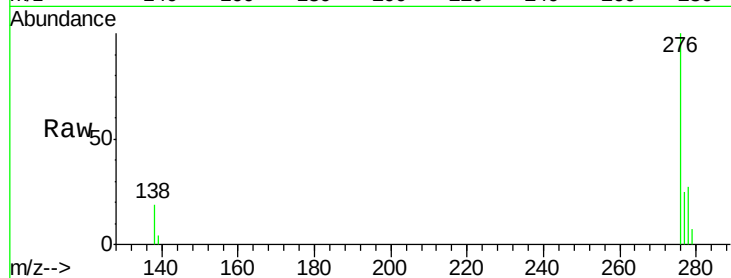
#25
Dibenzo(a,h)anthracene
Concen: 5.402 ng/ul m
RT: 27.16 min Scan# 4716
Delta R.T. 0.01 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Instrument :
BNA_E
ClientSampleId :
DASP4

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	115285		
139	15.3	17.4	26.0#	
279	25.1	25.9	38.9#	

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:21 PM



#26
Benzo(g,h,i)perylene
Concen: 12.943 ng/ul
RT: 28.03 min Scan# 4959
Delta R.T. 0.03 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	287134		
138	19.7	21.8	32.8#	
277	24.1	20.5	30.7	

