

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
 Data File : BE096167.D
 Acq On : 26 Apr 2018 2:41
 Operator : SJ/JU
 Sample : J2431-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP7

Manual Integrations
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 4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:31:31 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	1085	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	4136	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2083m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	5305	0.40	ng/ul	0.03
16) Chrysene-d12	21.77	240	8641	0.40	ng/ul	0.03
20) Perylene-d12	24.38	264	5604	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1886	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	3560	0.15	ng/ul	0.02
Target Compounds					Qvalue	
3) Naphthalene	11.23	128	100633	8.738	ng/ul#	92
5) 2-Methylnaphthalene	12.81	142	442197	57.309	ng/ul	100
7) Acenaphthylene	14.68	152	89944m	8.376	ng/ul	
8) Acenaphthene	15.03	153	2255206	291.285	ng/ul	93
9) Fluorene	16.02	166	4001993	390.662	ng/ul#	91
12) Phenanthrene	17.79	178	16788711	1074.887	ng/ul#	87
13) Anthracene	17.84	178	3339196	213.096	ng/ul#	91
15) Fluoranthene	19.72	202	12516527	524.268	ng/ul	84
17) Pyrene	20.08	202	10905087	629.072	ng/ul#	80
18) Benzo(a)anthracene	21.76	228	4033773	154.192	ng/ul#	83
19) Chrysene	21.82	228	1781445	74.106	ng/ul	94
21) Benzo(b)fluoranthene	23.59	252	1724649m	81.276	ng/ul	
22) Benzo(k)fluoranthene	23.63	252	558703m	27.542	ng/ul	
23) Benzo(a)pyrene	24.28	252	1135458	61.594	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.17	276	407181	16.393	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.17	278	118993m	5.721	ng/ul	
26) Benzo(g,h,i)perylene	28.03	276	300570	13.902	ng/ul#	91

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

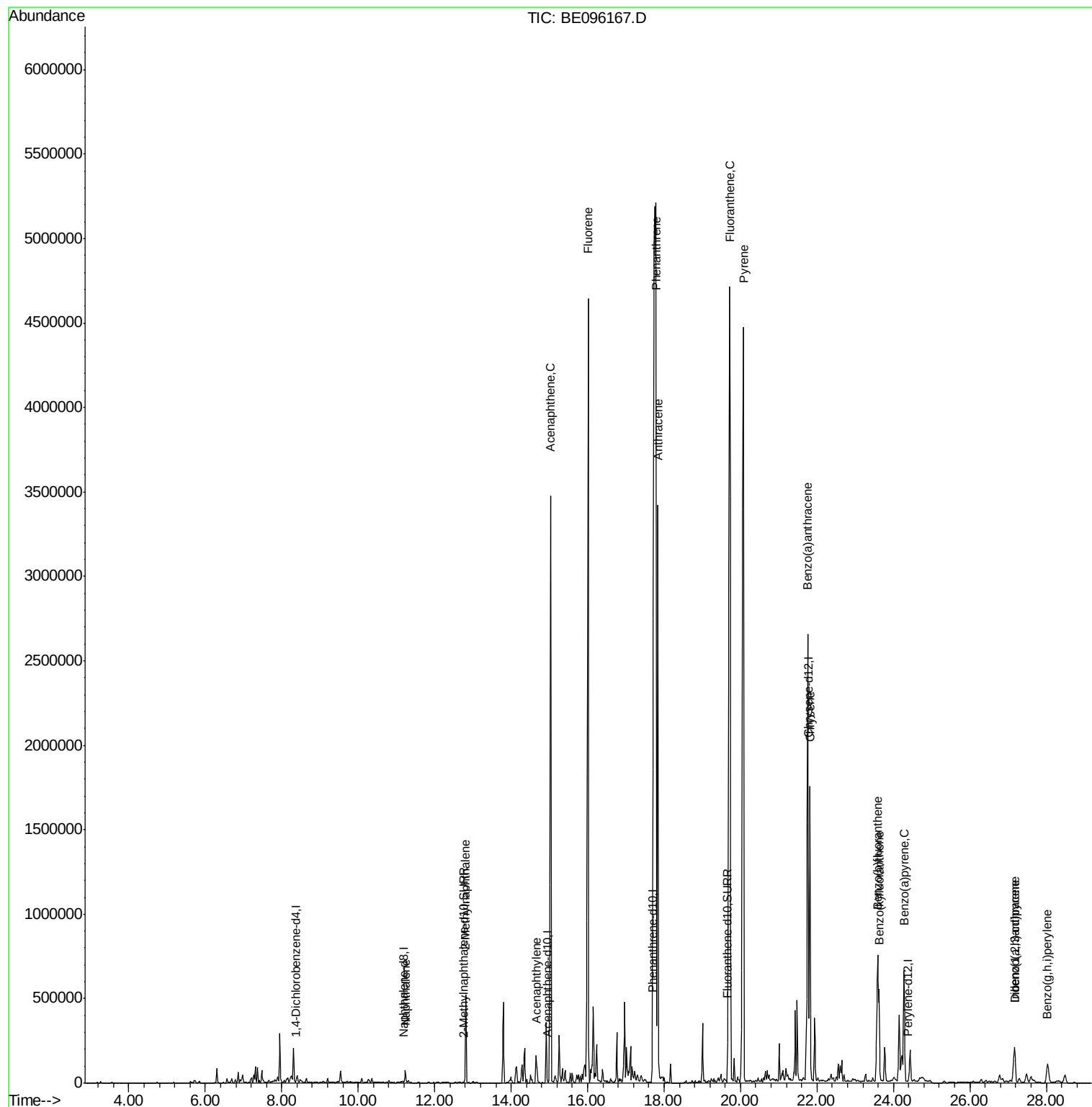
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042518\
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ALS Vial : 26 Sample Multiplier: 1

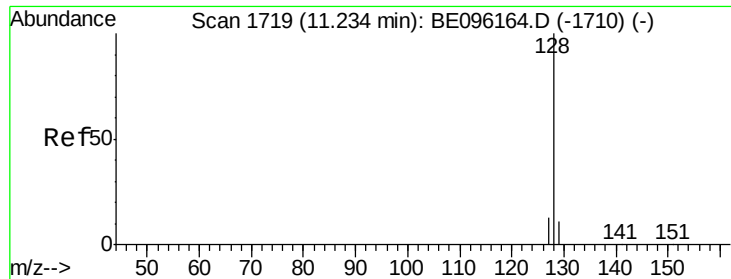
Instrument :
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#3

Naphthalene

Concen: 8.738 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

Instrument :

BNA_E

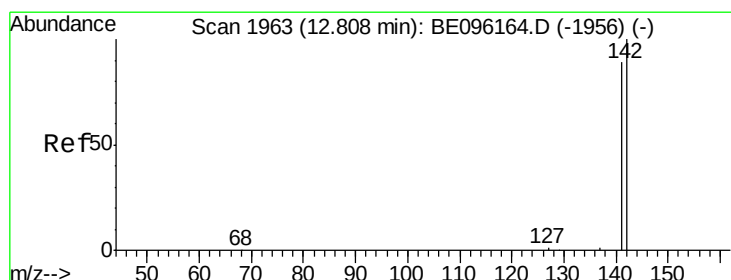
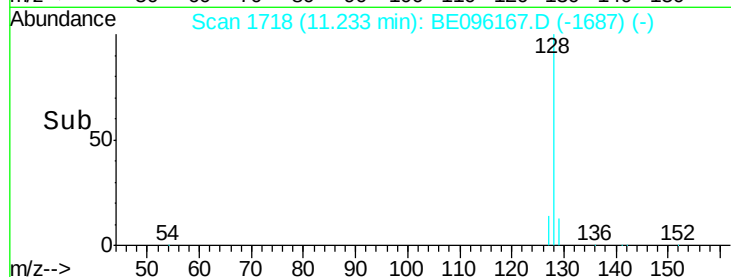
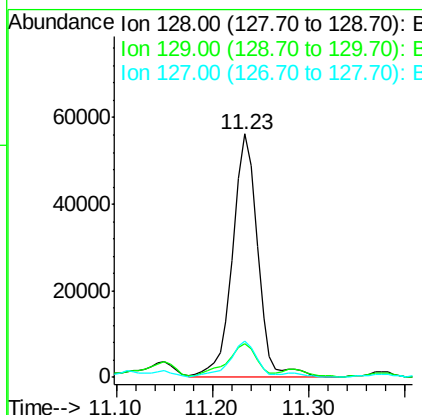
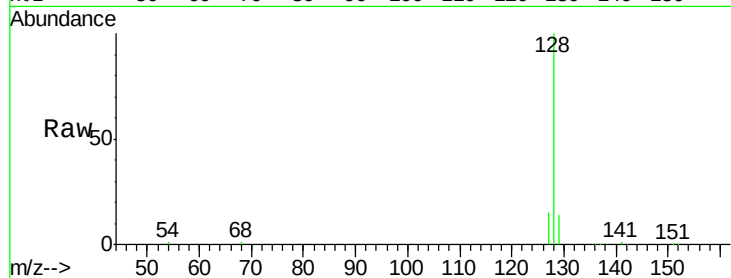
ClientSampleId :

DASP7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	11.3	16.9
127	14.7	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 57.309 ng/ul

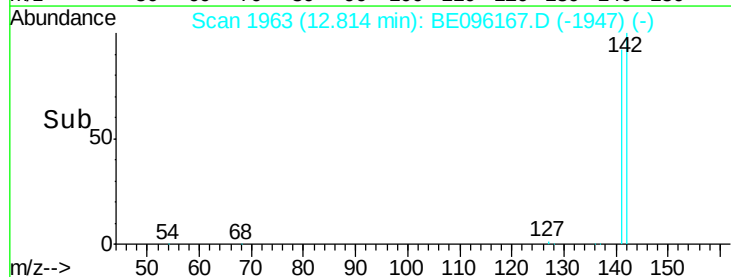
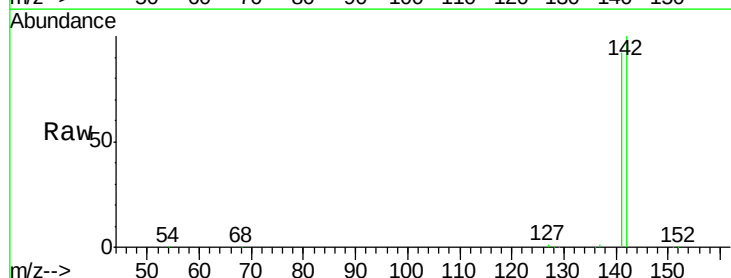
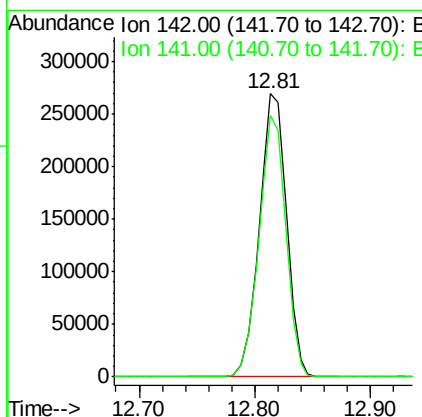
RT: 12.81 min Scan# 1963

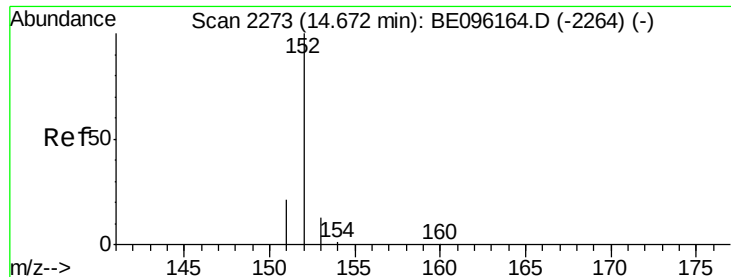
Delta R.T. 0.01 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8





#7

Acenaphthylene

Concen: 8.376 ng/ul m

RT: 14.68 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

Instrument :

BNA_E

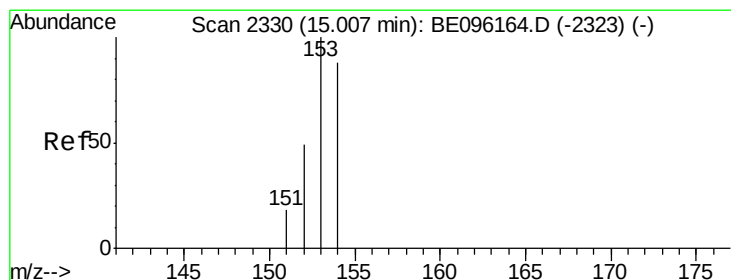
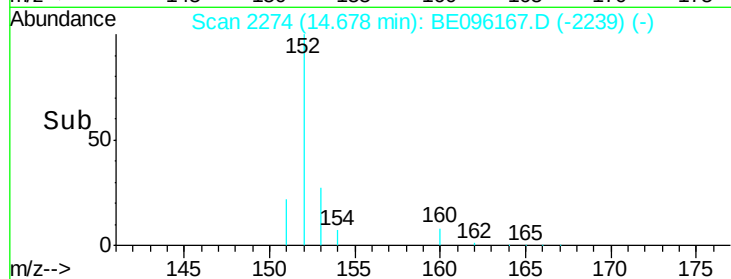
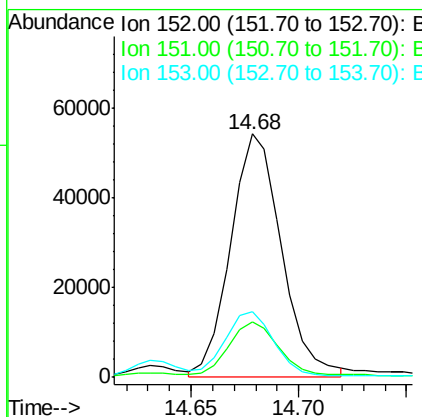
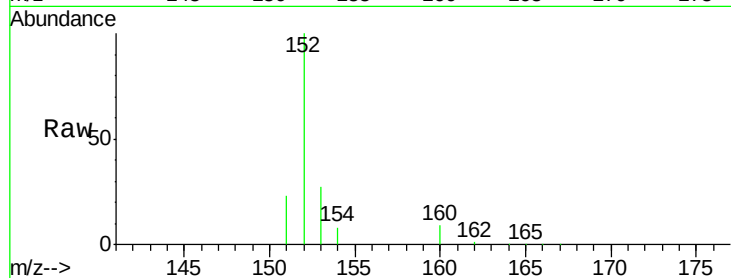
ClientSampled :

DASP7

Tgt Ion:	152	Resp:	89944
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	27.2	12.8	19.2#

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#8

Acenaphthene

Concen: 291.285 ng/ul

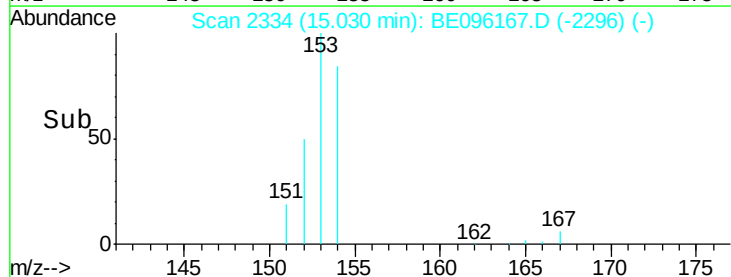
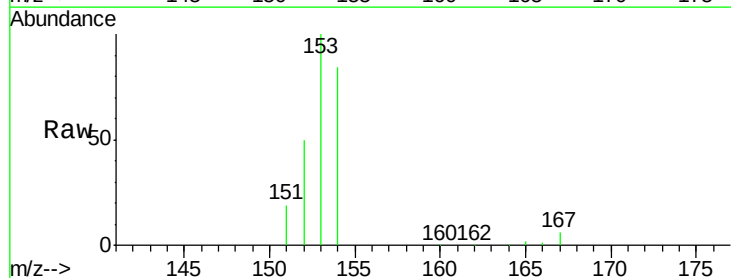
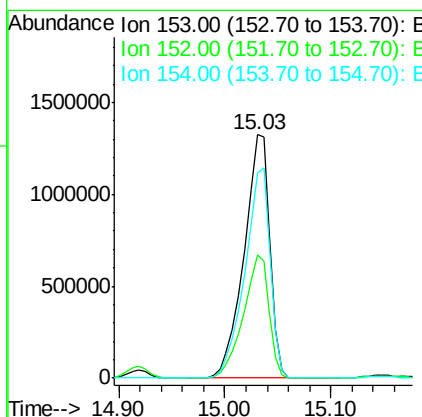
RT: 15.03 min Scan# 2334

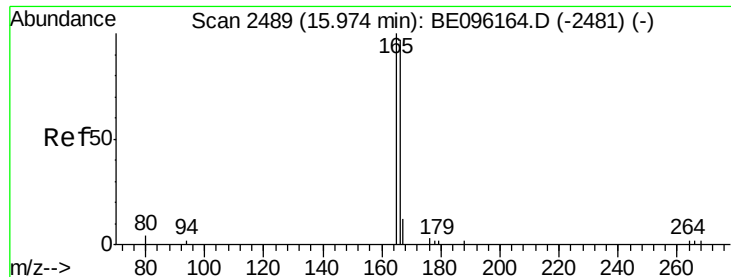
Delta R.T. 0.02 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

Tgt Ion:	153	Resp:	2255206
Ion Ratio	Lower	Upper	
153	100		
152	50.5	36.0	54.0
154	84.1	72.0	108.0





#9

Fluorene

Concen: 390.662 ng/ul

RT: 16.02 min Scan# 2495

Delta R.T. 0.04 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

Instrument :

BNA_E

ClientSampleId :

DASP7

Tgt Ion:166 Resp: 4001993

Ion Ratio Lower Upper

166 100

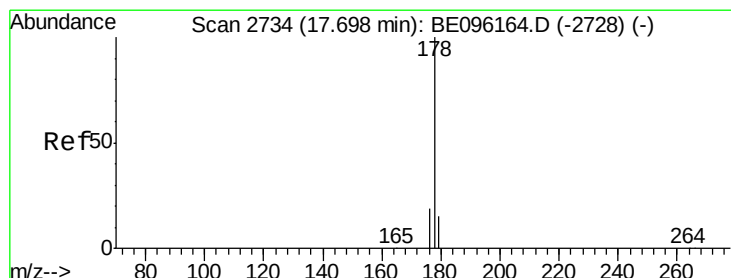
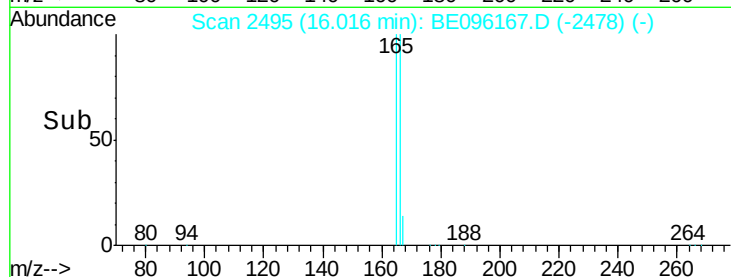
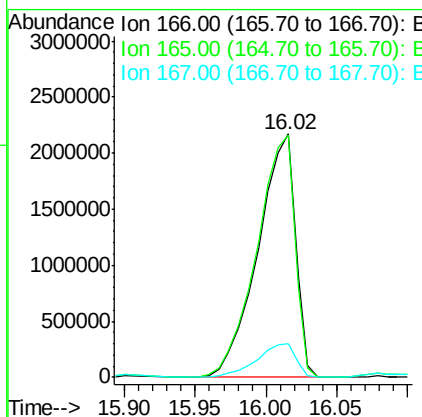
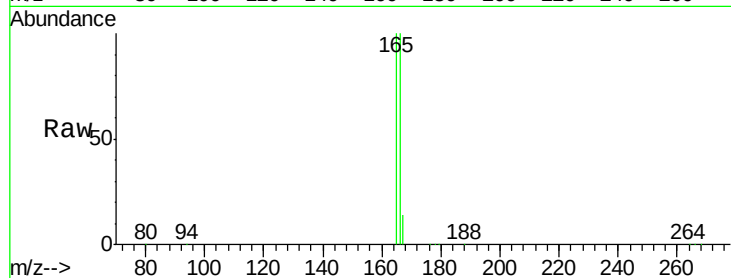
165 99.7 73.4 110.2

167 14.0 14.6 22.0#

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#12

Phenanthrene

Concen: 1074.887 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. 0.09 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

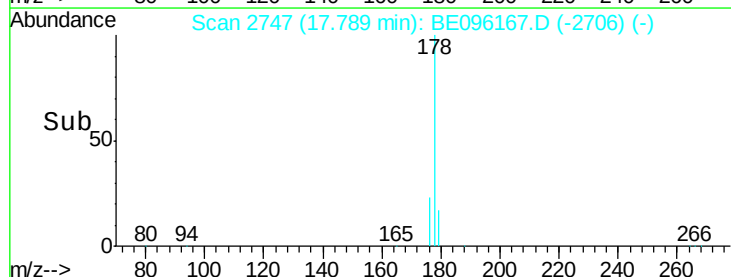
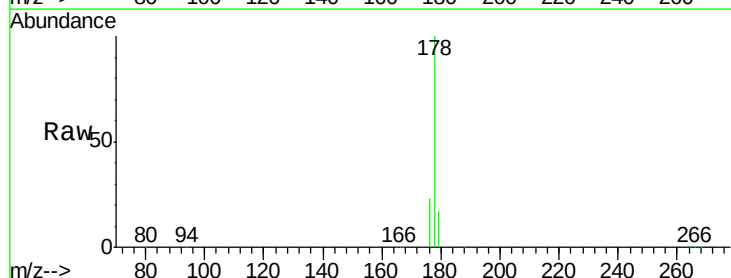
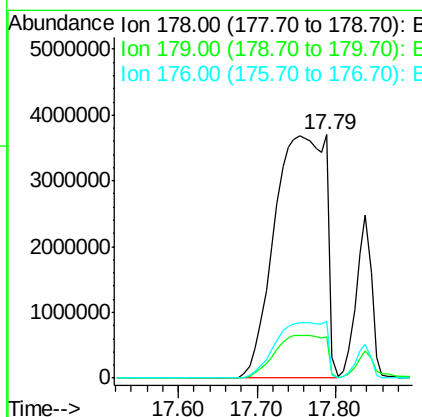
Tgt Ion:178 Resp:16788711

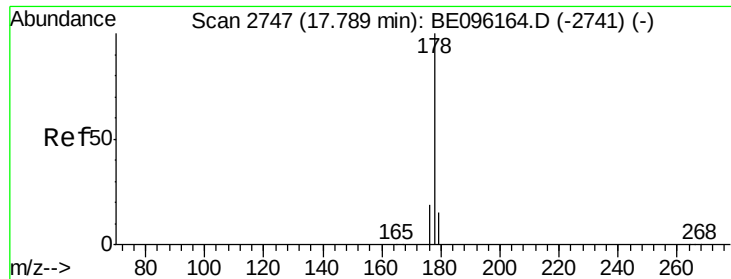
Ion Ratio Lower Upper

178 100

179 16.9 18.4 27.6#

176 23.1 13.6 20.4#





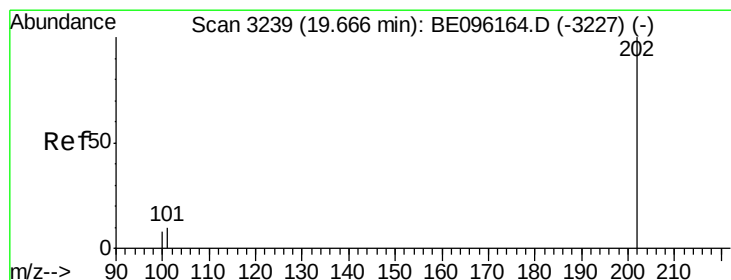
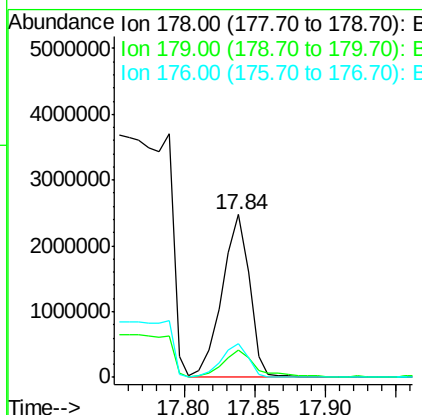
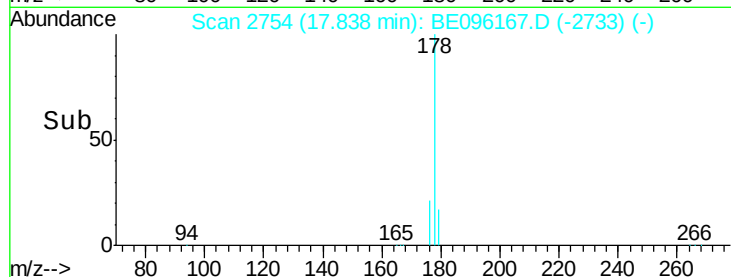
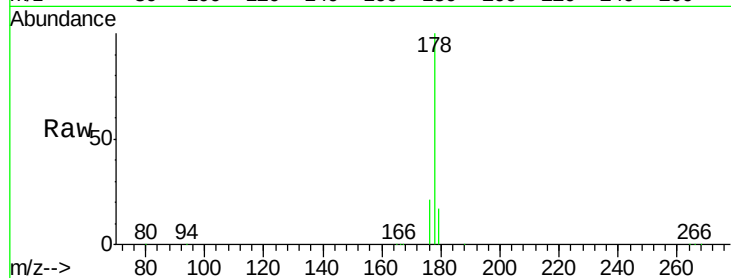
#13
 Anthracene
 Concen: 213.096 ng/ul
 RT: 17.84 min Scan# 2754
 Delta R.T. 0.05 min
 Lab File: BE096167.D
 Acq: 26 Apr 2018 2:41

Instrument :
 BNA_E
 ClientSampled :
 DASP7

Tgt Ion:178 Resp: 3339196
 Ion Ratio Lower Upper
 178 100
 179 16.9 18.1 27.1#
 176 20.9 14.7 22.1

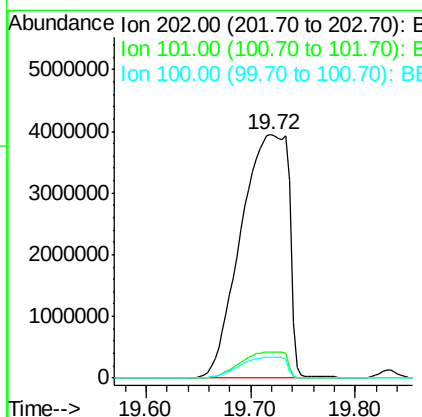
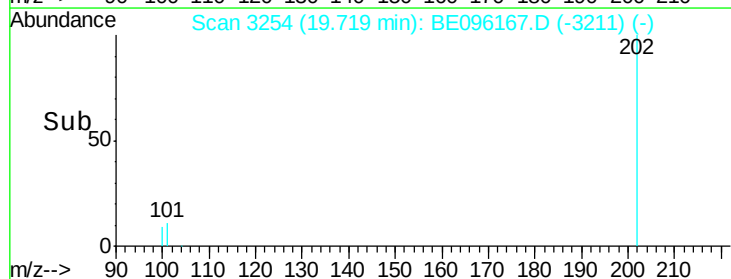
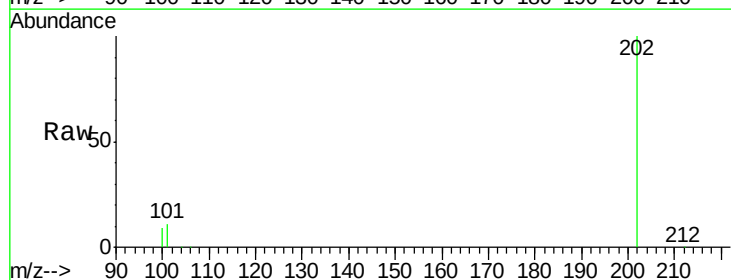
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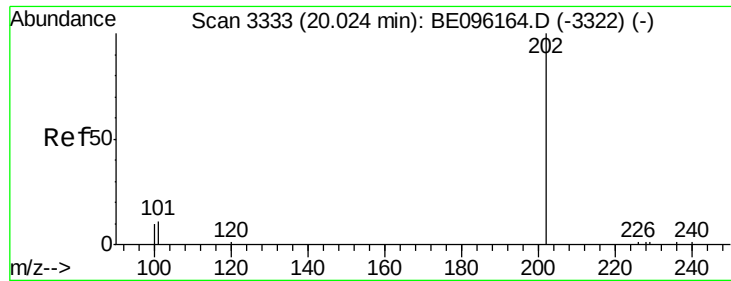
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#15
 Fluoranthene
 Concen: 524.268 ng/ul
 RT: 19.72 min Scan# 3254
 Delta R.T. 0.05 min
 Lab File: BE096167.D
 Acq: 26 Apr 2018 2:41

Tgt Ion:202 Resp:12516527
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 100 8.6 0.0 39.5





#17
Pyrene
 Concen: 629.072 ng/ul
 RT: 20.08 min Scan# 3343
 Delta R.T. 0.05 min
 Lab File: BE096167.D
 Acq: 26 Apr 2018 2:41

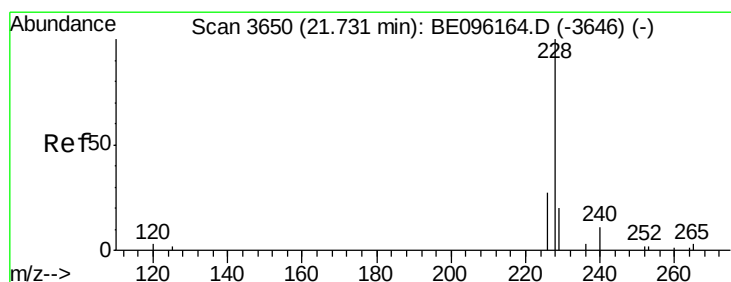
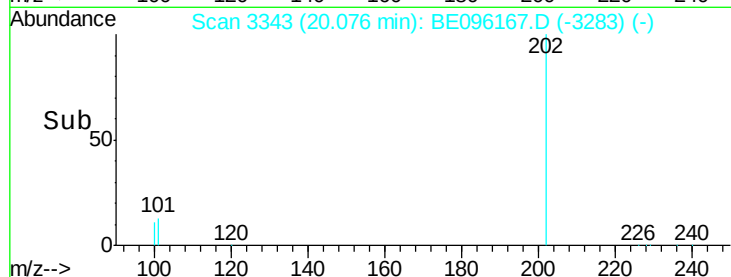
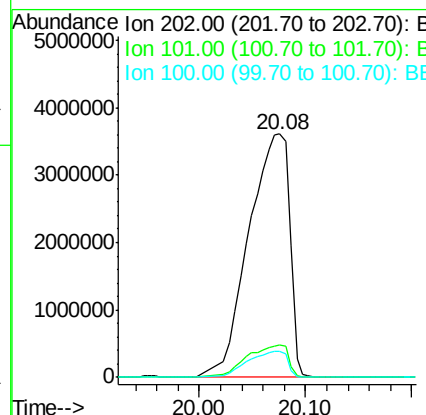
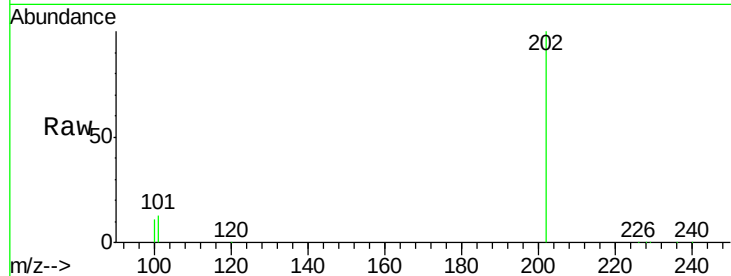
Instrument :
 BNA_E
 ClientSampleId :
 DASP7

Tgt Ion:202 Resp:10905087

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	10.6	15.6	23.4#

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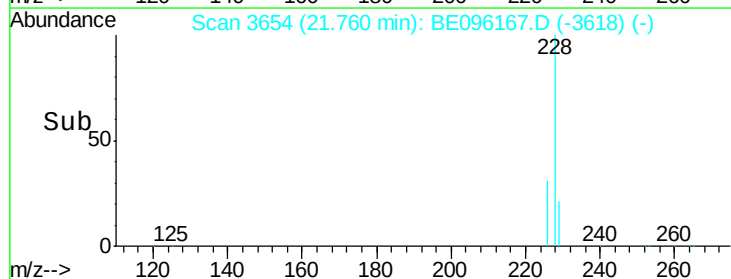
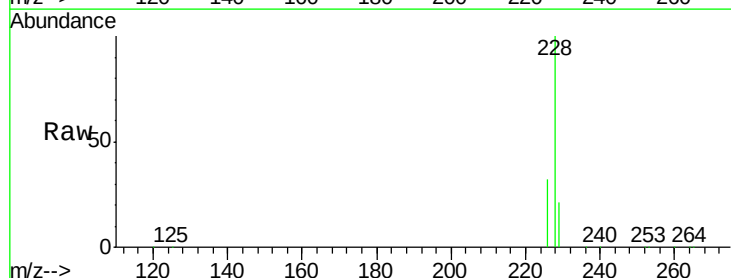
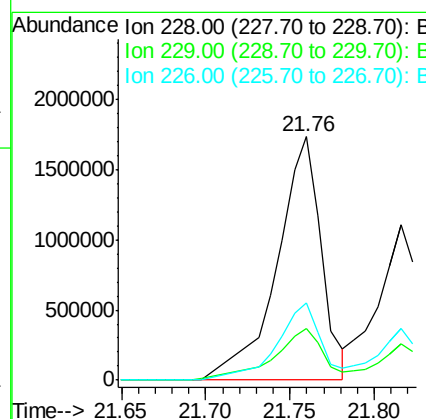
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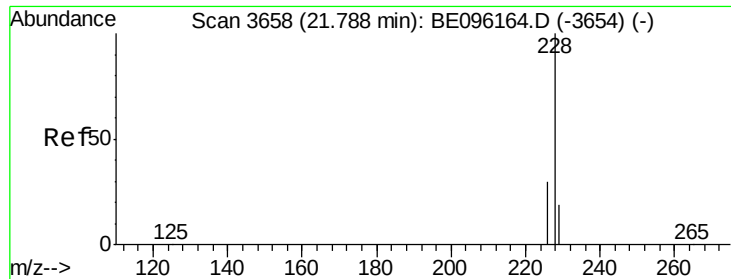


#18
Benzo(a)anthracene
 Concen: 154.192 ng/ul
 RT: 21.76 min Scan# 3654
 Delta R.T. 0.03 min
 Lab File: BE096167.D
 Acq: 26 Apr 2018 2:41

Tgt Ion:228 Resp: 4033773

Ion	Ratio	Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	31.5	17.0	25.6#





#19

Chrysene

Concen: 74.106 ng/ul

RT: 21.82 min Scan# 3662

Delta R.T. 0.03 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

Instrument :

BNA_E

ClientSampleId :

DASP7

Tgt Ion:228 Resp: 1781445

Ion Ratio Lower Upper

228 100

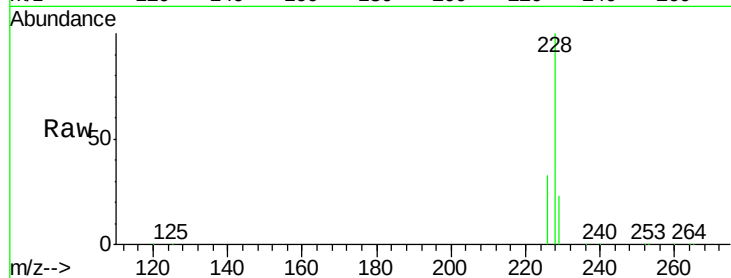
226 33.5 23.4 35.0

229 23.5 17.7 26.5

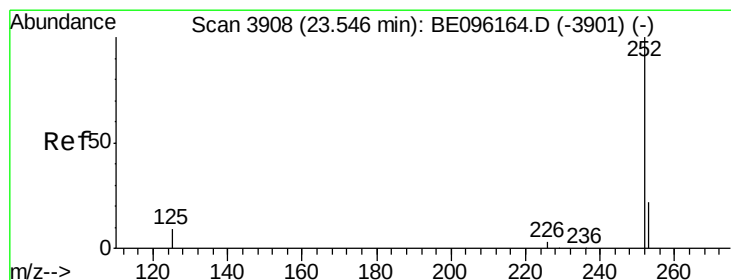
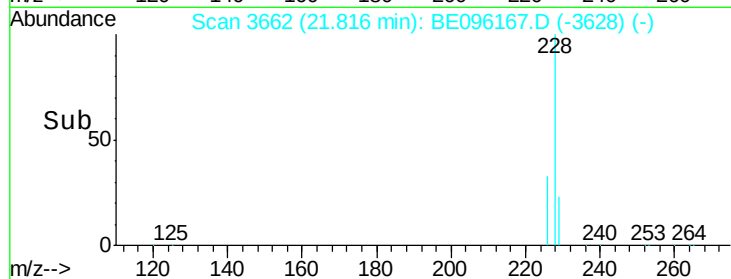
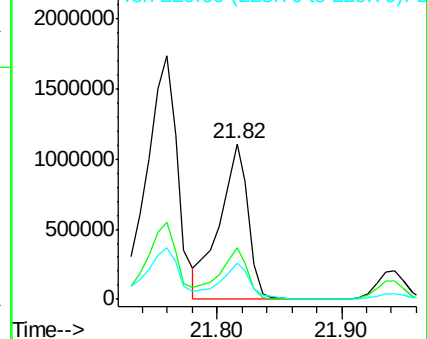
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 81.276 ng/ul m

RT: 23.59 min Scan# 3914

Delta R.T. 0.04 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

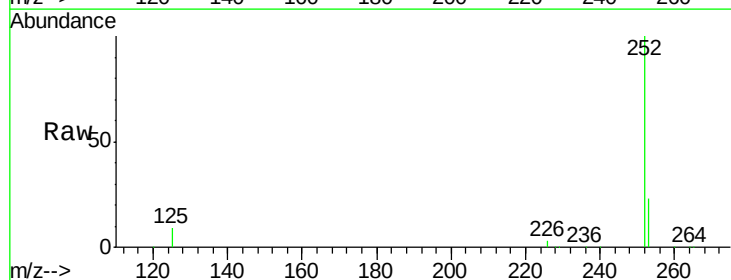
Tgt Ion:252 Resp: 1724649

Ion Ratio Lower Upper

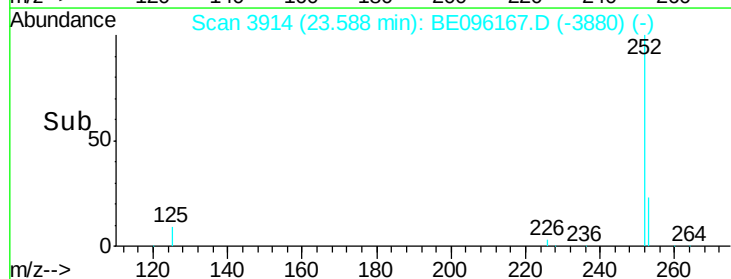
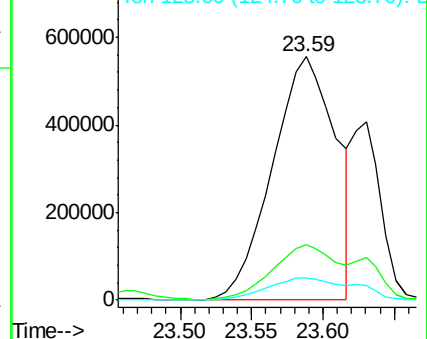
252 100

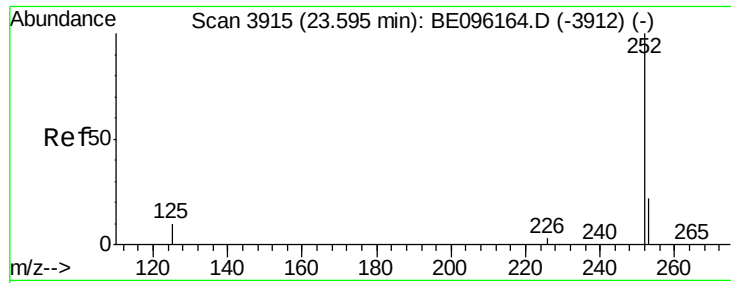
253 22.8 0.0 64.2

125 9.2 0.0 35.0



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





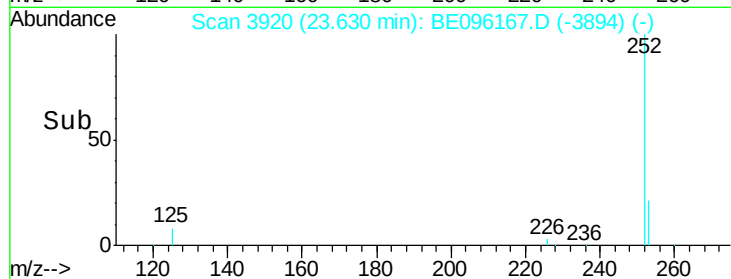
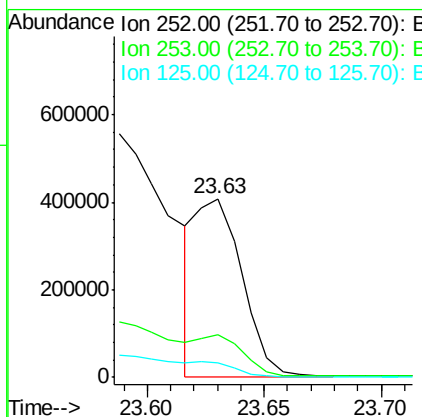
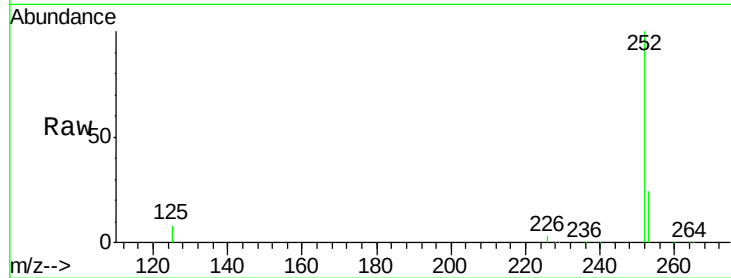
#22
Benzo(k)fluoranthene
Concen: 27.542 ng/ul m
RT: 23.63 min Scan# 3920
Delta R.T. 0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Instrument :
BNA_E
ClientSampleId :
DASP7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	8.0	13.7	20.5#

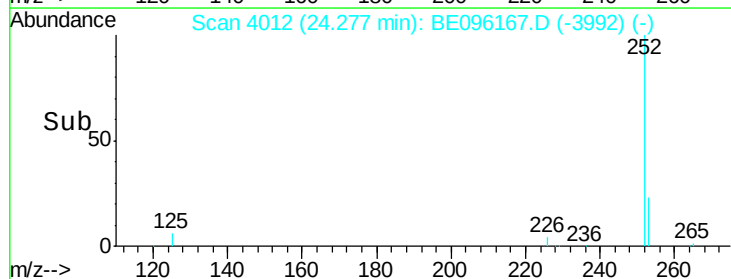
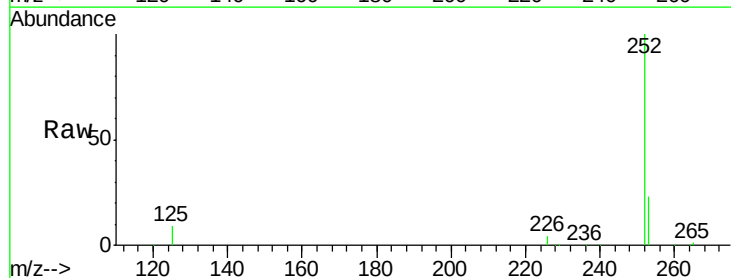
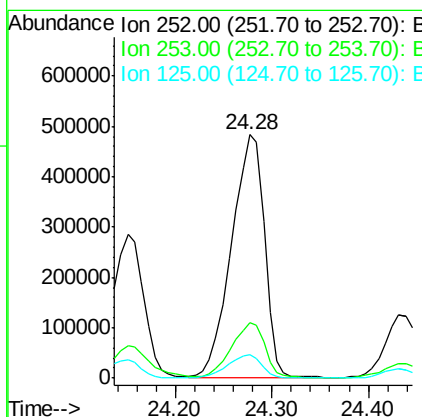
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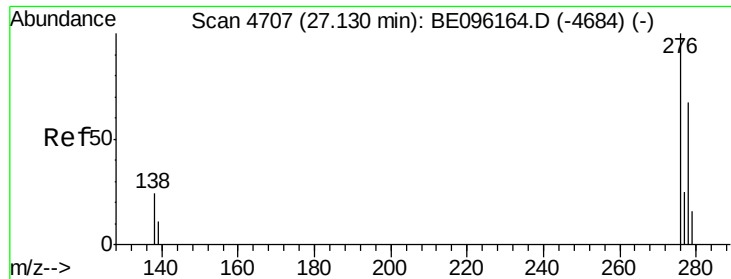
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#23
Benzo(a)pyrene
Concen: 61.594 ng/ul
RT: 24.28 min Scan# 4012
Delta R.T. 0.04 min
Lab File: BE096167.D
Acq: 26 Apr 2018 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	9.4	18.1	27.1#





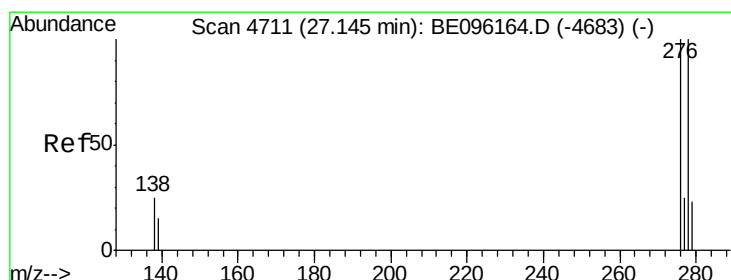
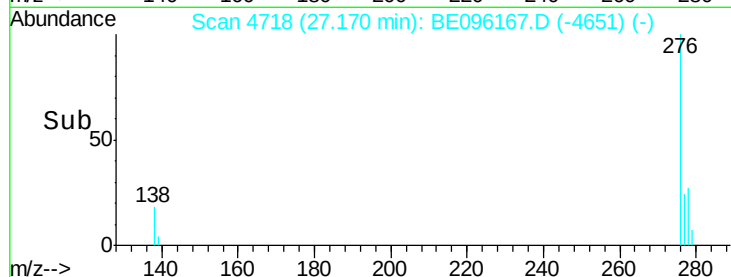
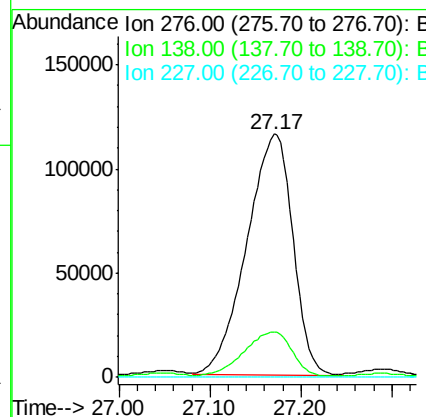
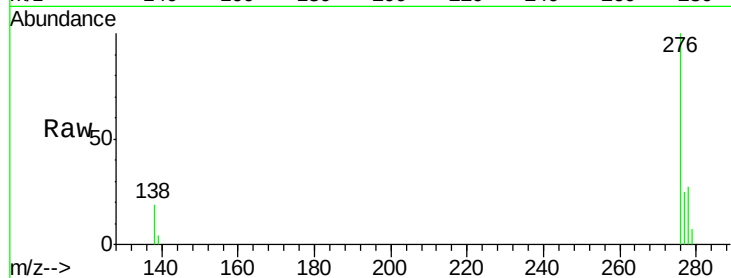
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 16.393 ng/ul
 RT: 27.17 min Scan# 4718
 Delta R.T. 0.04 min
 Lab File: BE096167.D
 Acq: 26 Apr 2018 2:41

Instrument :
 BNA_E
 ClientSampleId :
 DASP7

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	19.1	28.0	42.0#
227	0.0	8.0	12.0#

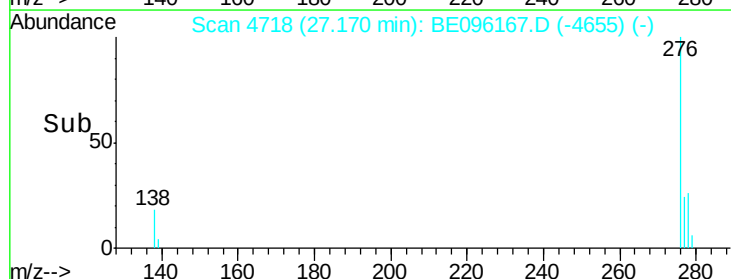
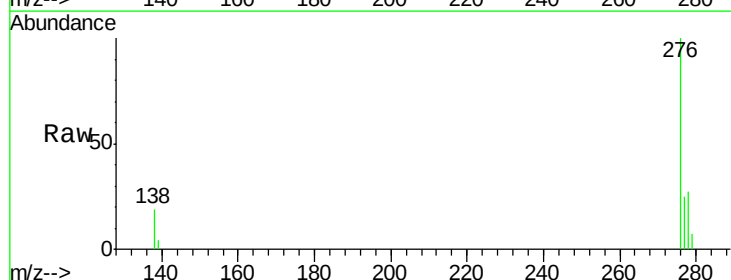
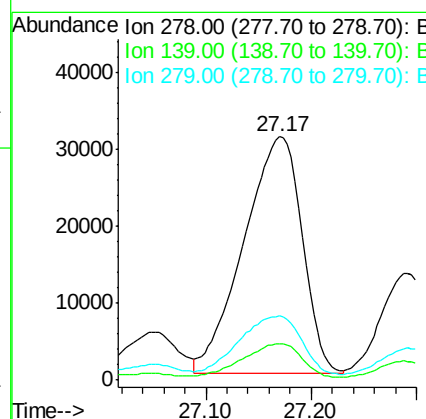
Manual Integrations
 APPROVED

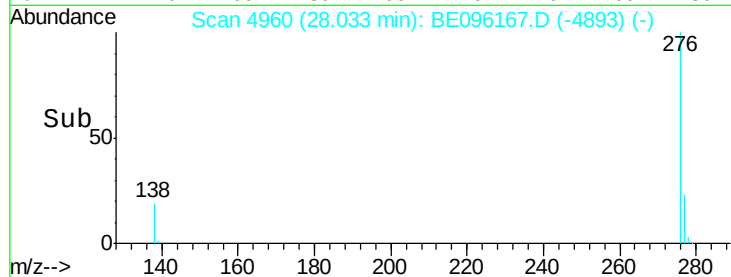
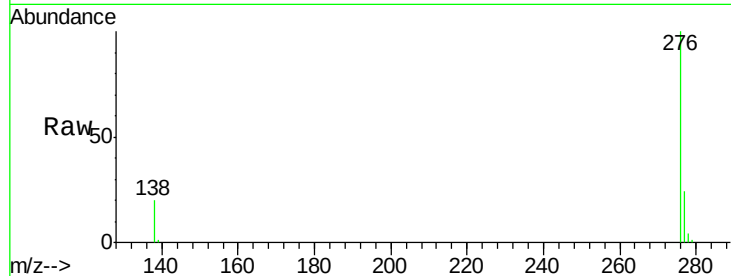
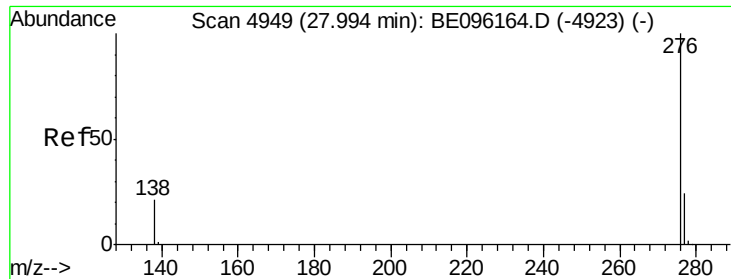
Sohil
 4/26/2018 6:20:24 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 5.721 ng/ul m
 RT: 27.17 min Scan# 4718
 Delta R.T. 0.03 min
 Lab File: BE096167.D
 Acq: 26 Apr 2018 2:41

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.0	17.4	26.0#
279	26.3	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 13.902 ng/ul

RT: 28.03 min Scan# 4960

Delta R.T. 0.04 min

Lab File: BE096167.D

Acq: 26 Apr 2018 2:41

Instrument :

BNA_E

ClientSampleId :

DASP7

Tgt Ion:	276	Resp:	300570
Ion Ratio	Lower	Upper	
276	100		
138	19.5	21.8	32.8#
277	24.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:24 PM

