

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095215.D
 Acq On : 28 Jan 2018 20:08
 Operator : SJ/JU
 Sample : J1221-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A21

Manual Integrations
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Quant Time: Jan 29 07:33:28 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 06:58:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3021	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9527	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5969	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	12180	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	13260	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11690m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3741	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10992	0.24	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.32	128	2742	0.103	ng/ul#	91
5) 2-Methylnaphthalene	12.89	142	1783	0.100	ng/ul	98
7) Acenaphthylene	14.74	152	1134	0.039	ng/ul#	84
8) Acenaphthene	15.08	153	3538	0.159	ng/ul	96
9) Fluorene	16.02	166	2552	0.111	ng/ul#	73
11) Pentachlorophenol	17.36	266	21424	9.081	ng/ul	96
12) Phenanthrene	17.75	178	15419	0.376	ng/ul#	86
13) Anthracene	17.84	178	4606	0.123	ng/ul#	92
15) Fluoranthene	19.72	202	11807	0.223	ng/ul	85
17) Pyrene	20.08	202	9909m	0.223	ng/ul	
18) Benzo(a)anthracene	21.79	228	3442	0.083	ng/ul#	86
19) Chrysene	21.84	228	3581	0.083	ng/ul#	81
21) Benzo(b)fluoranthene	23.62	252	4340m	0.105	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1446m	0.038	ng/ul	
23) Benzo(a)pyrene	24.32	252	1064m	0.029	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1611m	0.040	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	1578m	0.046	ng/ul	

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

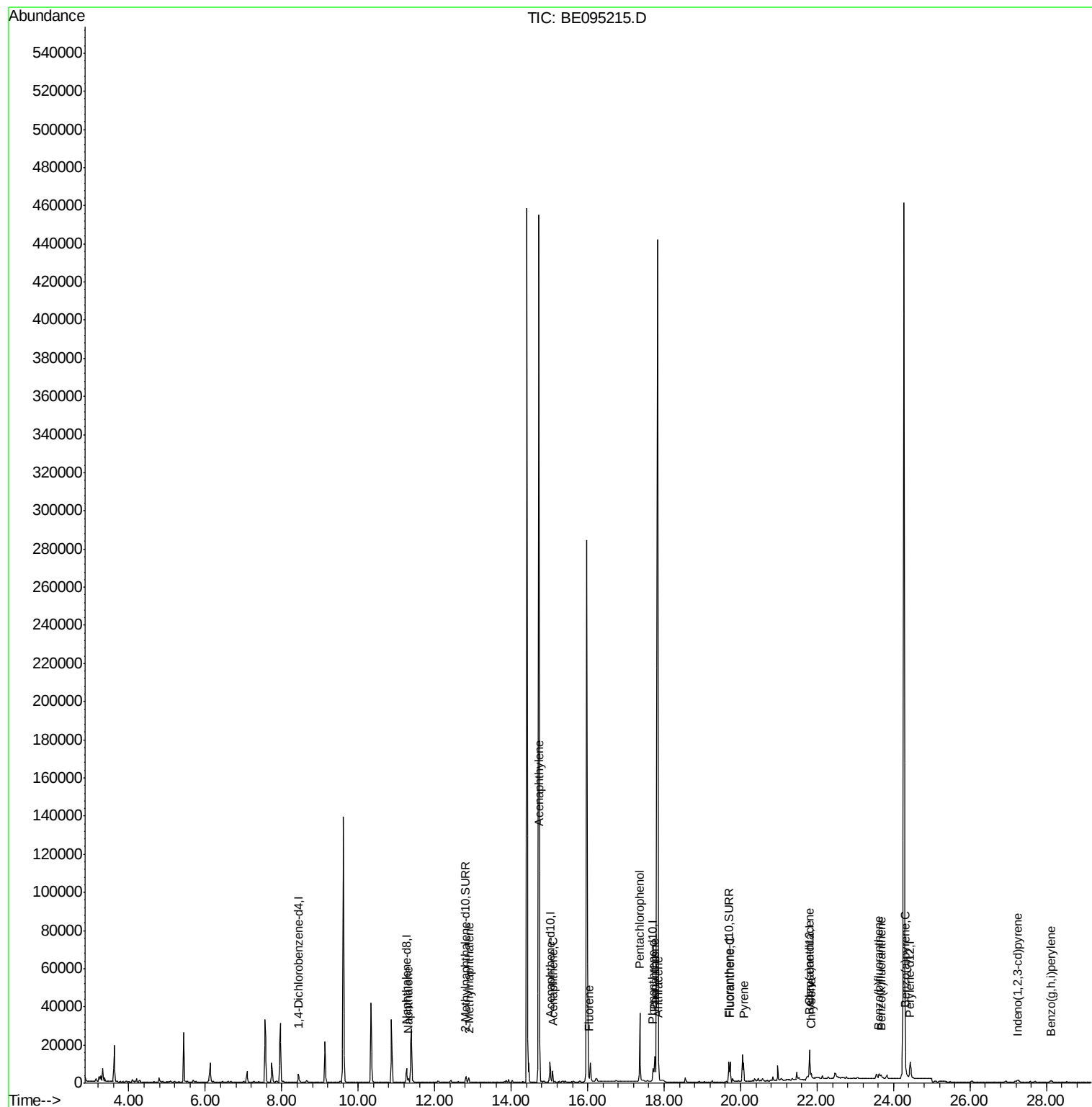
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095215.D
Acq On : 28 Jan 2018 20:08
Operator : SJ/JU
Sample : J1221-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

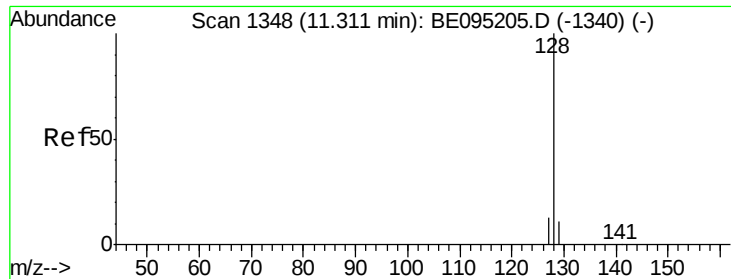
Instrument :
BNA_E
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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QLast Update : Mon Jan 29 06:58:46 2018
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#3

Naphthalene

Concen: 0.103 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BE095215.D

Acq: 28 Jan 2018 20:08

Instrument :

BNA_E

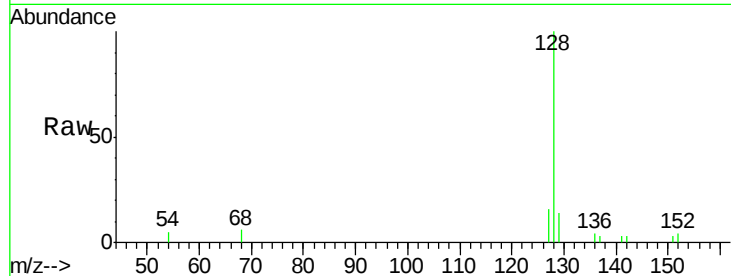
ClientSampleId :

F6A21

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.7	11.3	16.9
127	15.7	4.0	6.0#

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Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

2000

1500

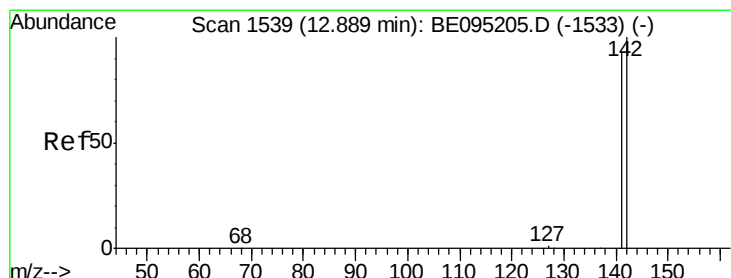
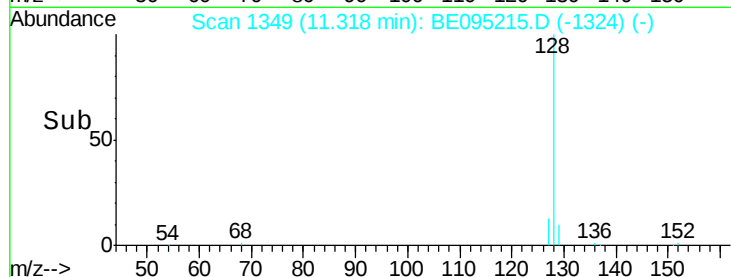
1000

500

0

Time-->

11.25 11.30 11.35



#5

2-Methylnaphthalene

Concen: 0.100 ng/ul

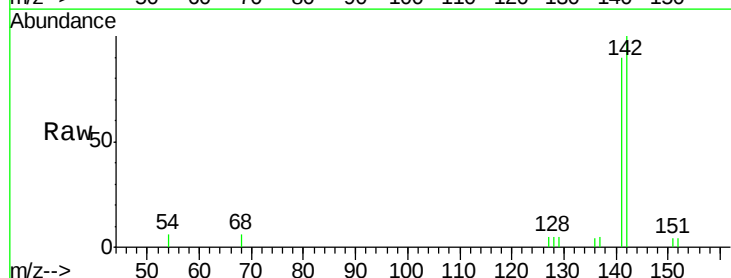
RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095215.D

Acq: 28 Jan 2018 20:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.6	108.8



Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

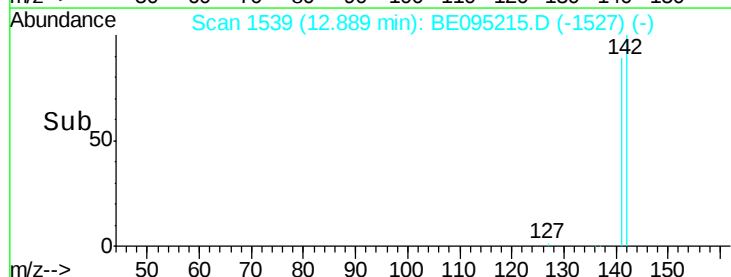
1000

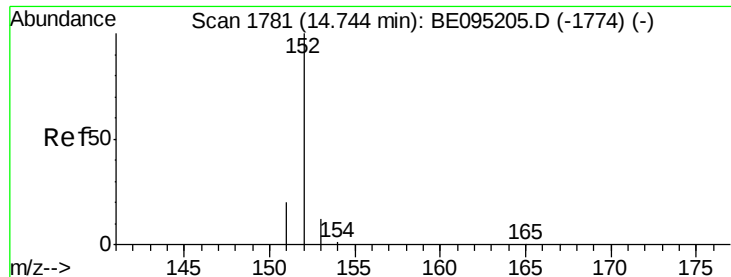
500

0

Time-->

12.80 12.85 12.90 12.95





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095215.D

Acq: 28 Jan 2018 20:08

Instrument :

BNA_E

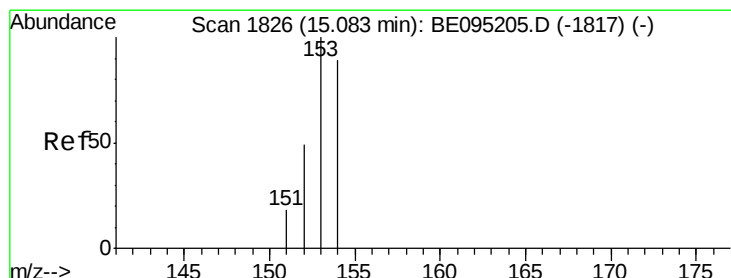
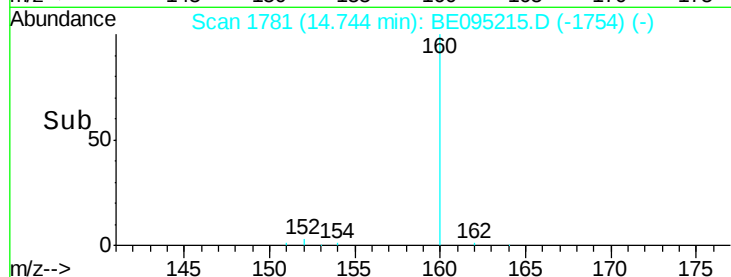
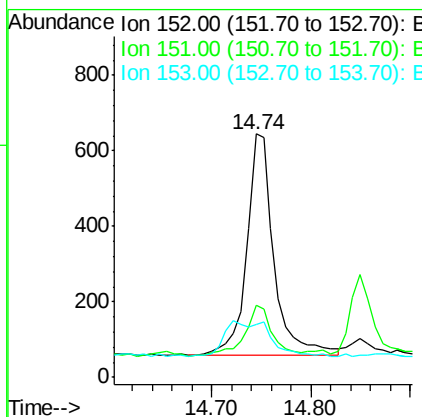
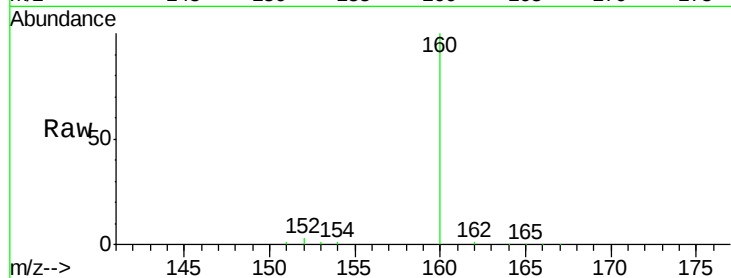
ClientSampleId :

F6A21

Tot Ion:	152	Resp:	1134
Ion Ratio	Lower	Upper	
152	100		
151	29.8	17.1	25.7#
153	22.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.159 ng/ul

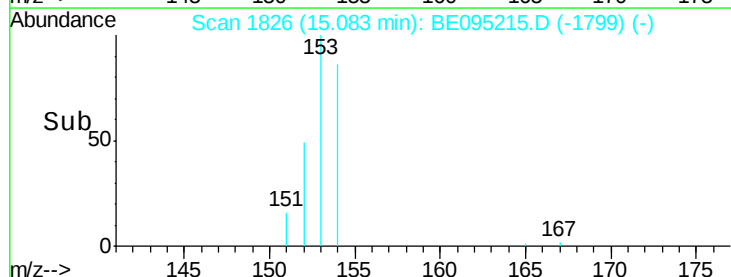
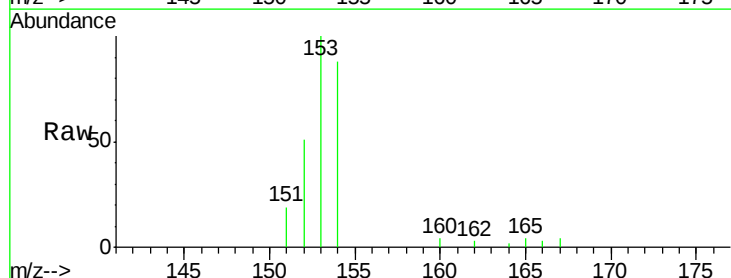
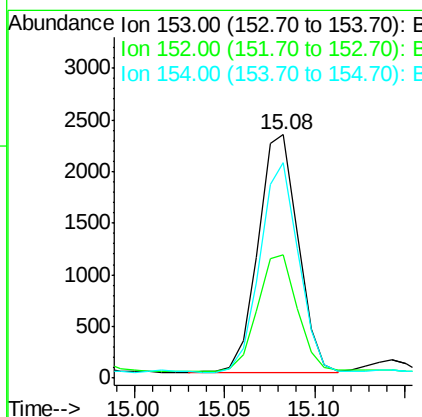
RT: 15.08 min Scan# 1826

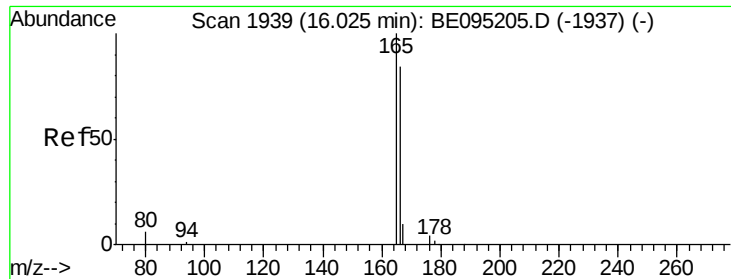
Delta R.T. 0.00 min

Lab File: BE095215.D

Acq: 28 Jan 2018 20:08

Tgt Ion:	153	Resp:	3538
Ion Ratio	Lower	Upper	
153	100		
152	50.7	36.0	54.0
154	88.3	72.0	108.0





#9

Fluorene

Concen: 0.111 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095215.D

Acq: 28 Jan 2018 20:08

Instrument :

BNA_E

ClientSampleId :

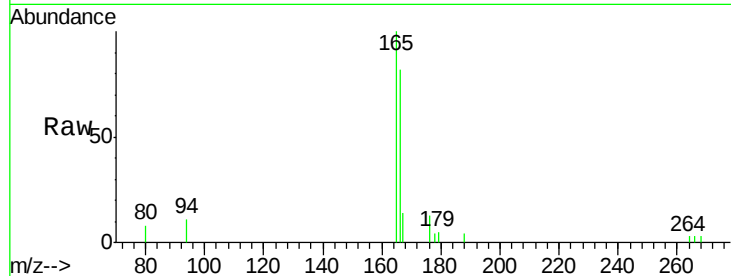
F6A21

Tot Ion	Ratio	Lower	Upper
166	100		
165	122.6	73.4	110.2#
167	17.1	14.6	22.0

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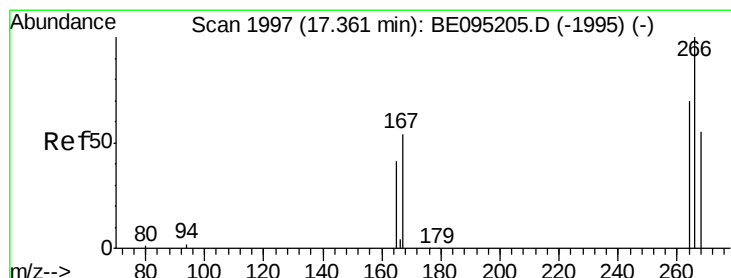
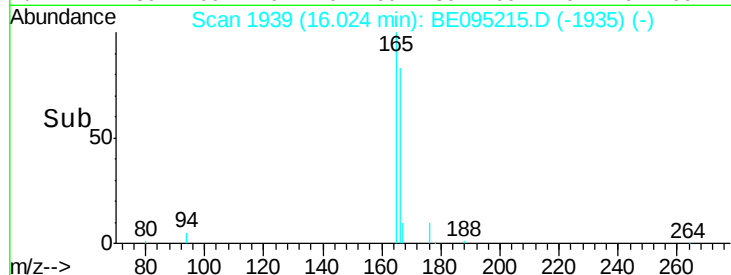
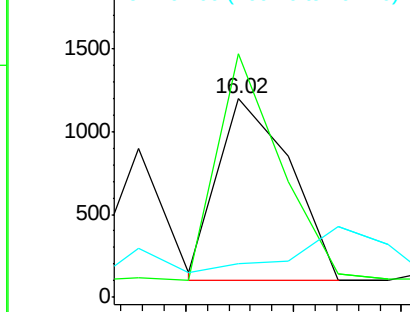


Abundance

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: 9.081 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095215.D

Acq: 28 Jan 2018 20:08

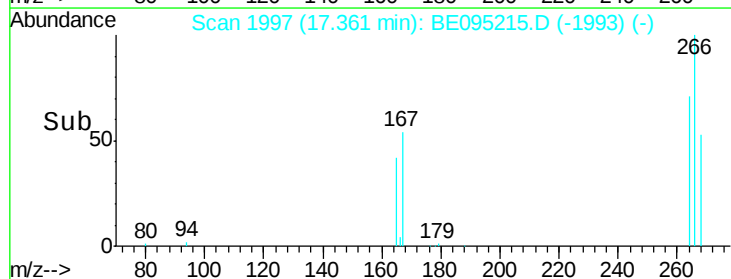
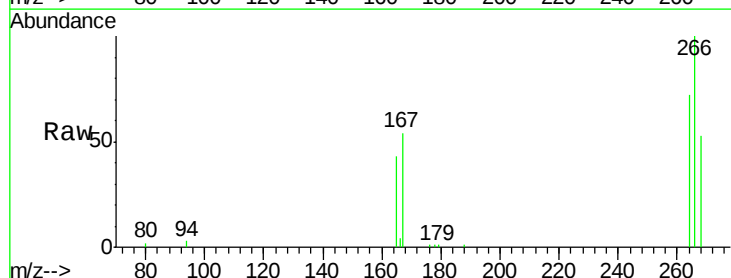
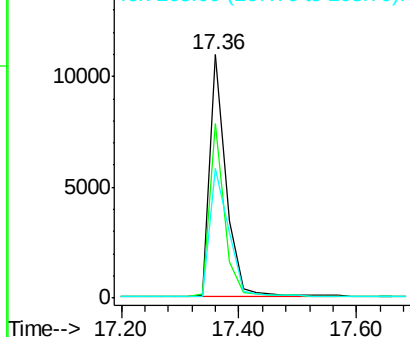
Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	47.9	71.9
268	61.5	49.8	74.8

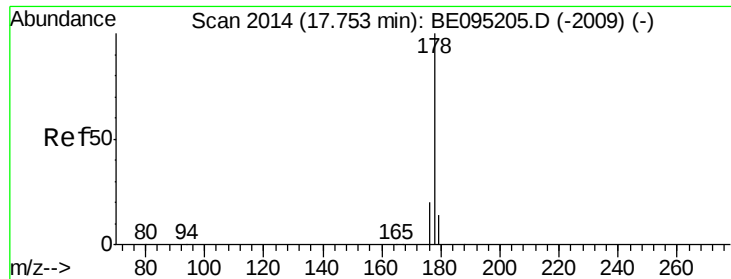
Abundance

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





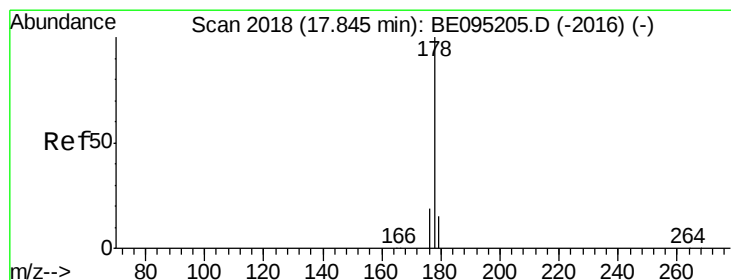
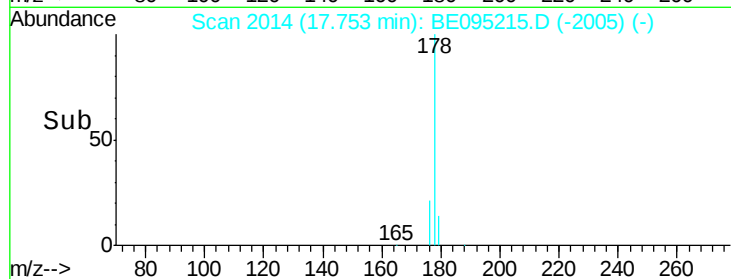
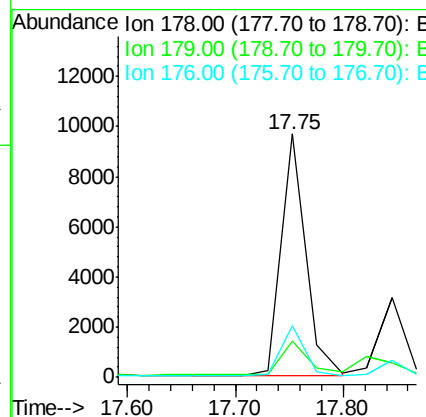
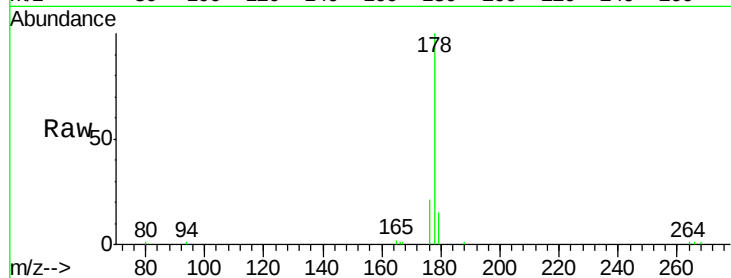
#12
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Instrument :
BNA_E
ClientSampleId :
F6A21

Tot Ion:178 Resp: 15419
Ion Ratio Lower Upper
178 100
179 14.7 18.4 27.6#
176 21.4 13.6 20.4#

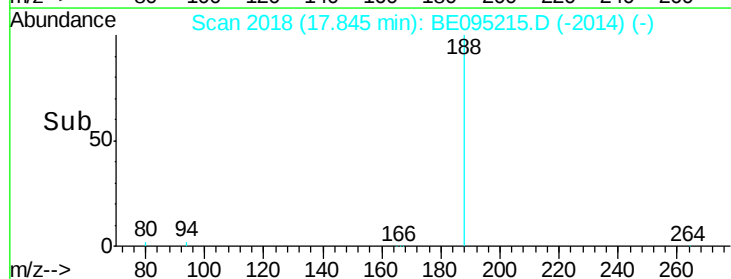
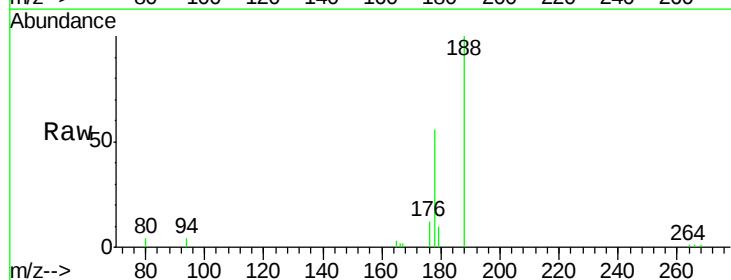
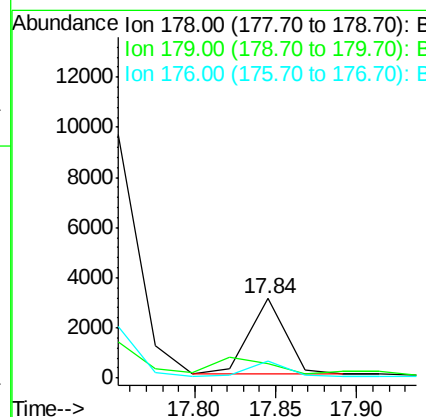
Manual Integrations
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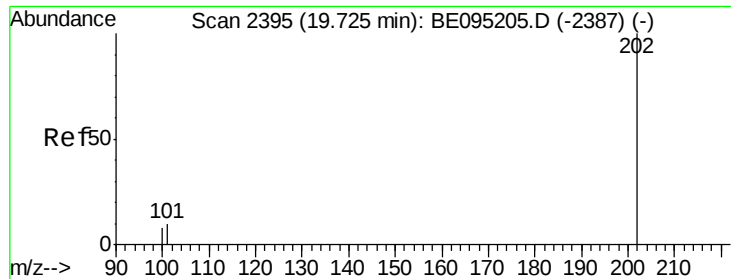
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#13
Anthracene
Concen: 0.123 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Tgt Ion:178 Resp: 4606
Ion Ratio Lower Upper
178 100
179 18.0 18.1 27.1#
176 21.2 14.7 22.1





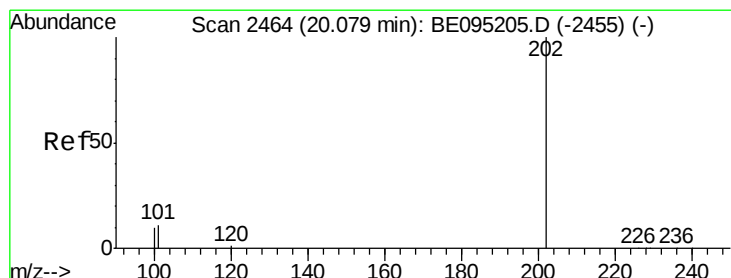
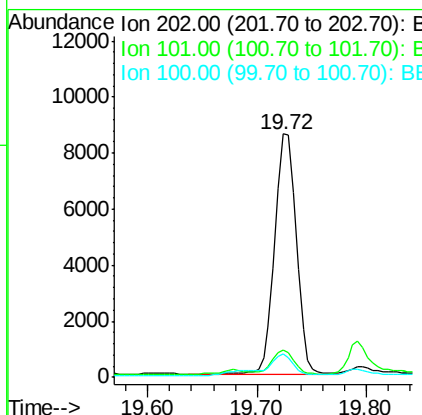
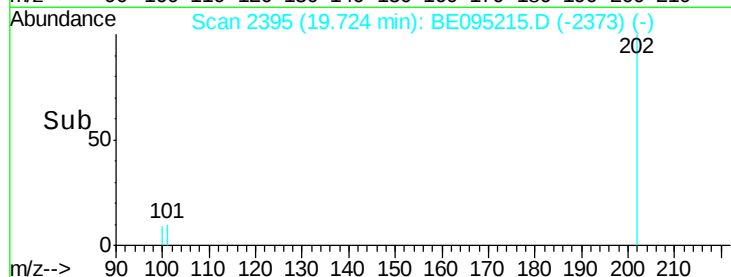
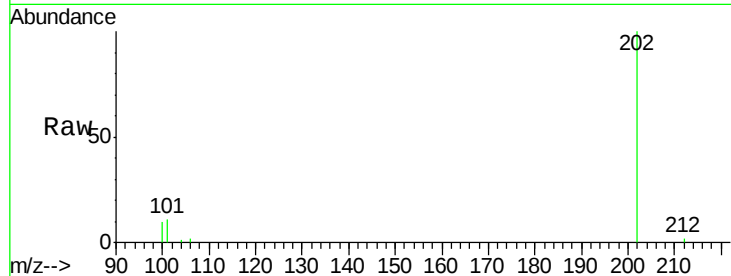
#15
Fluoranthene
Concen: 0.223 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Instrument :
BNA_E
ClientSampleId :
F6A21

Tot Ion:	202	Resp:	11807
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.3
100	9.6	0.0	39.5

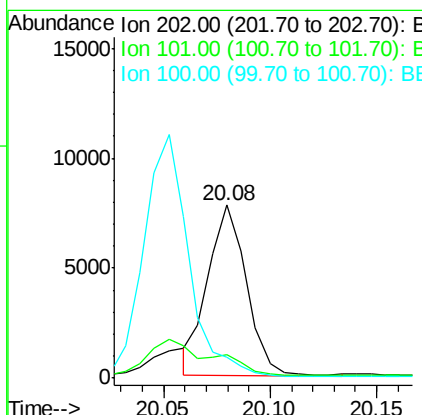
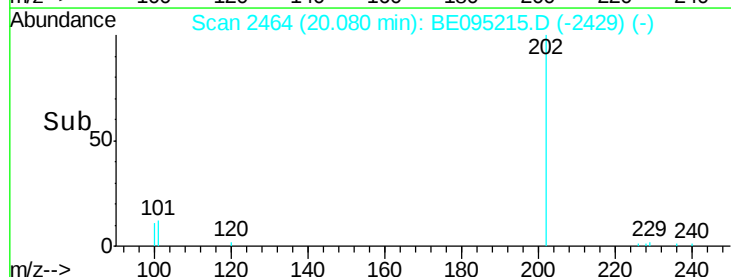
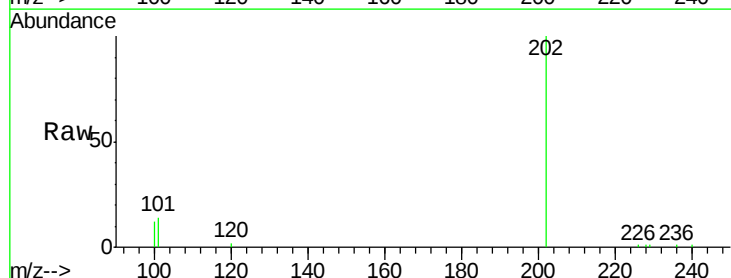
Manual Integrations
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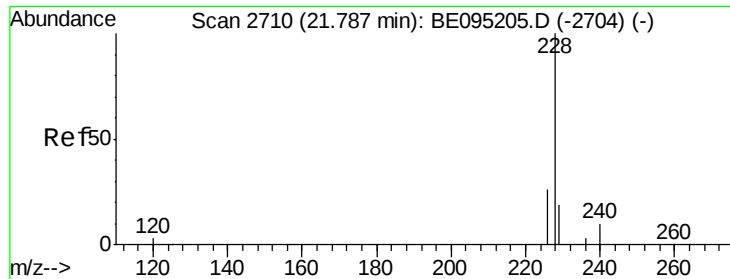
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#17
Pyrene
Concen: 0.223 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Tgt Ion:	202	Resp:	9909
Ion Ratio	Lower	Upper	
202	100		
101	13.5	18.2	27.4#
100	11.9	15.6	23.4#





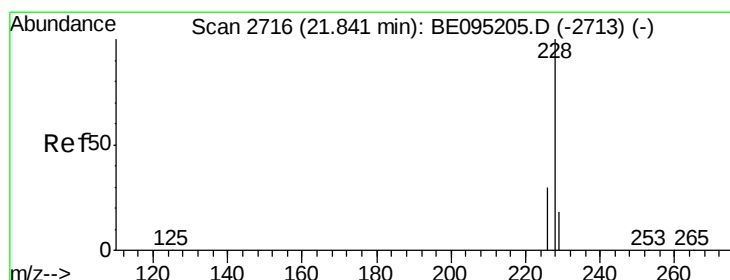
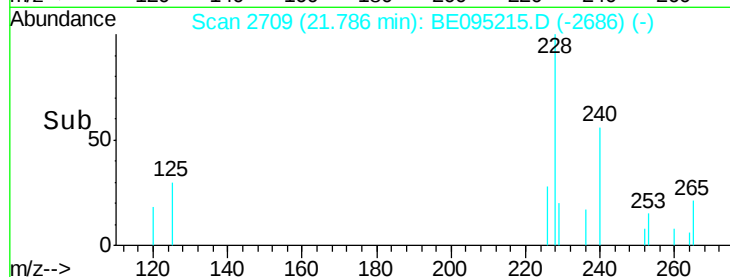
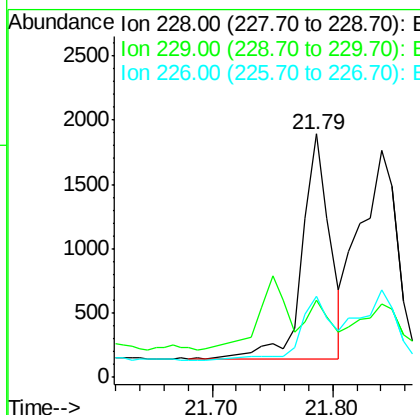
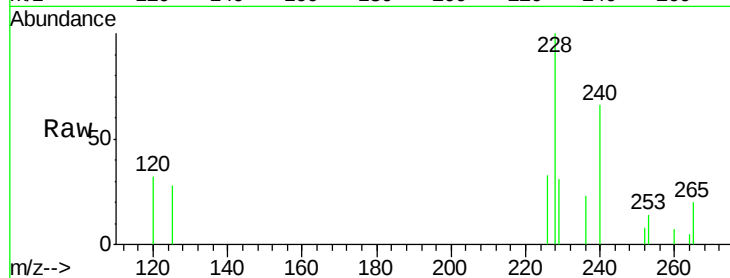
#18
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.79 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Instrument :
BNA_E
ClientSampled :
F6A21

Tot Ion	Ratio	Lower	Upper
228	100		
229	31.5	22.8	34.2
226	33.3	17.0	25.6

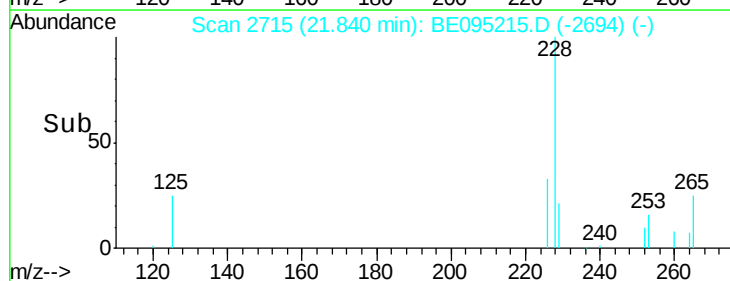
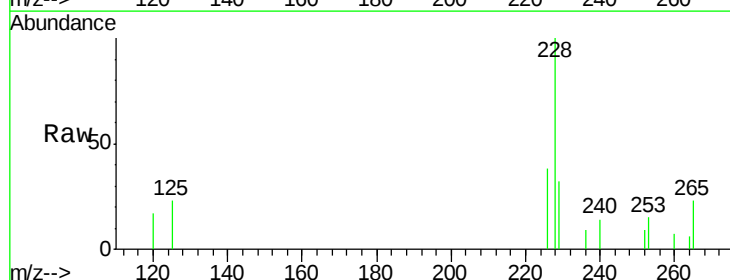
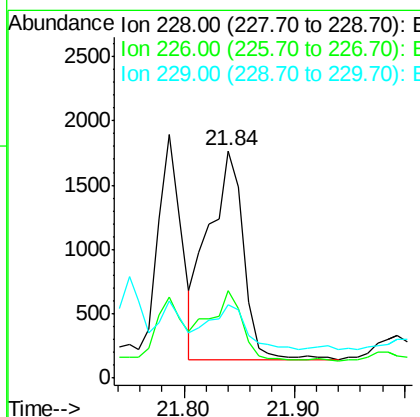
Manual Integrations
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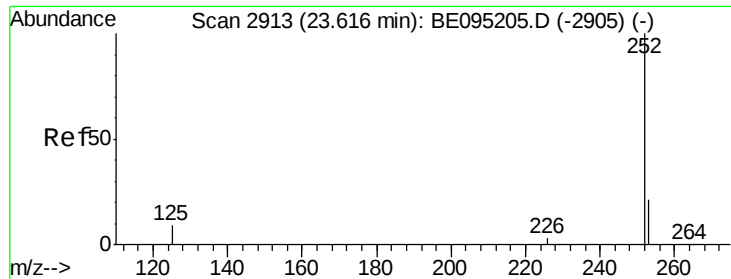
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#19
Chrysene
Concen: 0.083 ng/ul
RT: 21.84 min Scan# 2715
Delta R.T. -0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.4	23.4	35.0
229	32.3	17.7	26.5





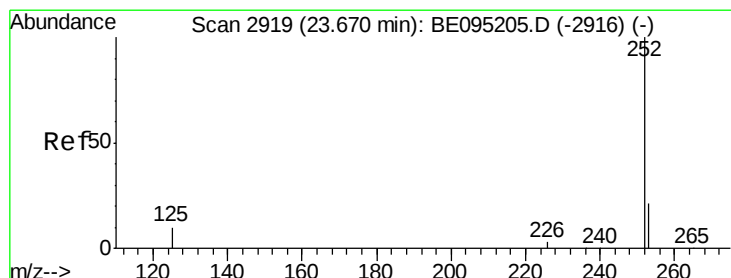
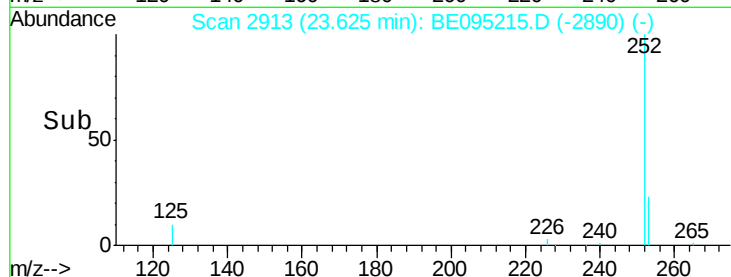
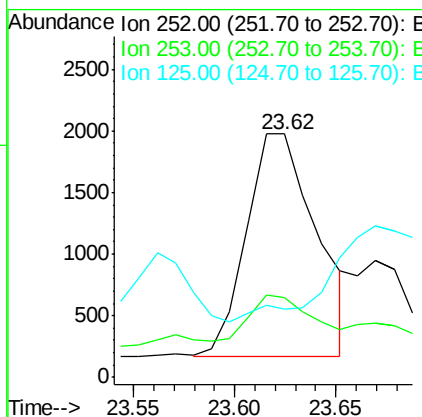
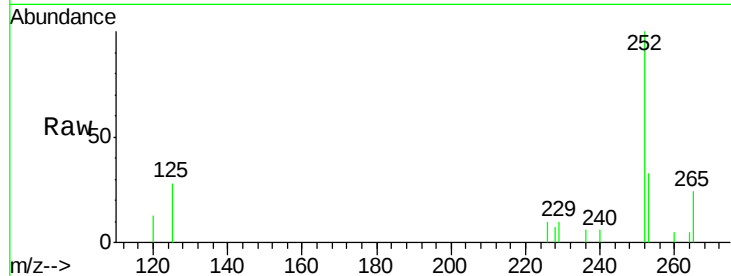
#21
Benzo(b)fluoranthene
Concen: 0.105 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Instrument :
BNA_E
ClientSampleId :
F6A21

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	0.0	64.2
125	28.1	0.0	35.0

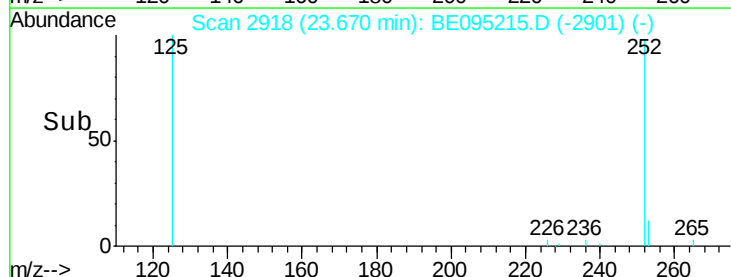
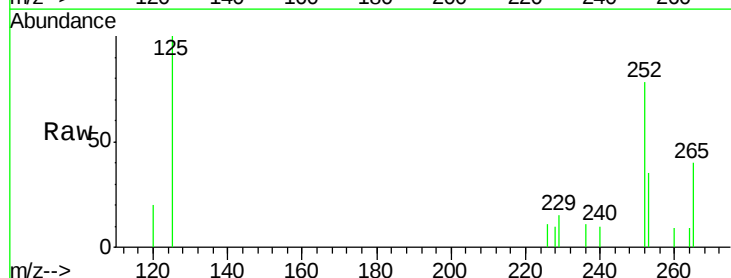
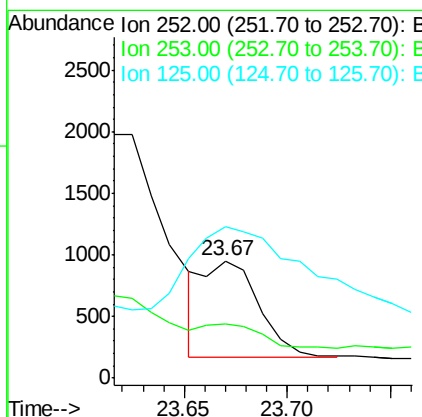
Manual Integrations
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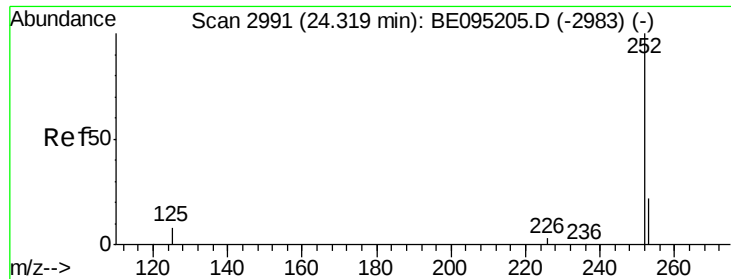
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#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.67 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.6	24.5	36.7#
125	128.6	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.029 ng/ul m

RT: 24.32 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095215.D

Acq: 28 Jan 2018 20:08

Instrument :

BNA_E

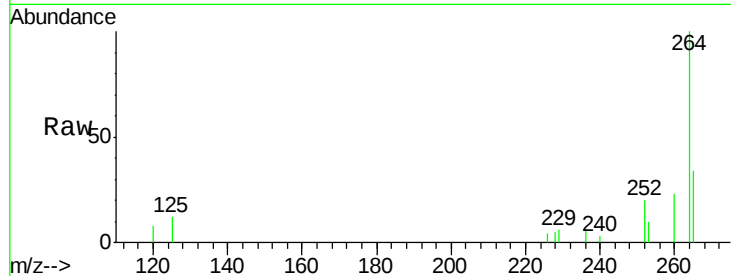
ClientSampleId :

F6A21

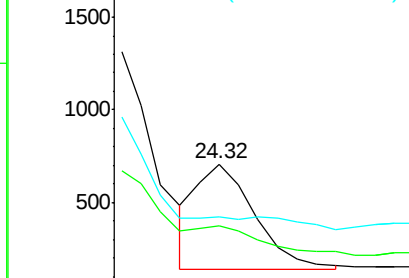
Tot Ion:	252	Resp:	1064
Ion Ratio	Lower	Upper	
252	100		
253	53.1	28.5	42.7#
125	59.6	18.1	27.1#

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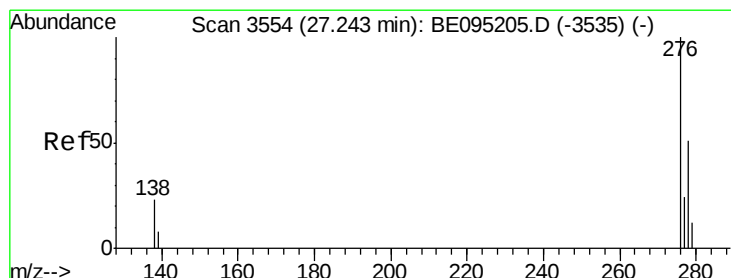
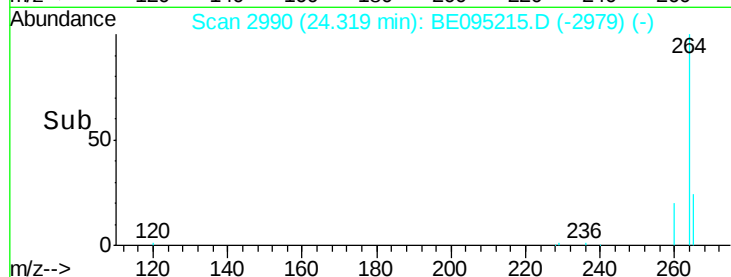
Sohil
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng/ul m

RT: 27.24 min Scan# 3553

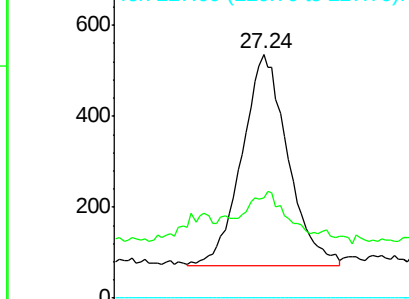
Delta R.T. -0.00 min

Lab File: BE095215.D

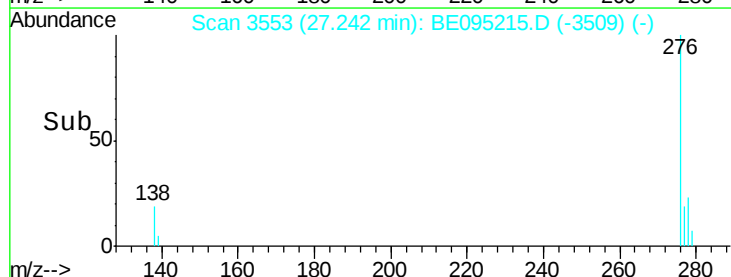
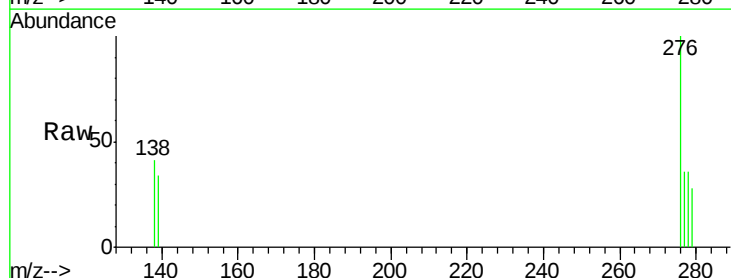
Acq: 28 Jan 2018 20:08

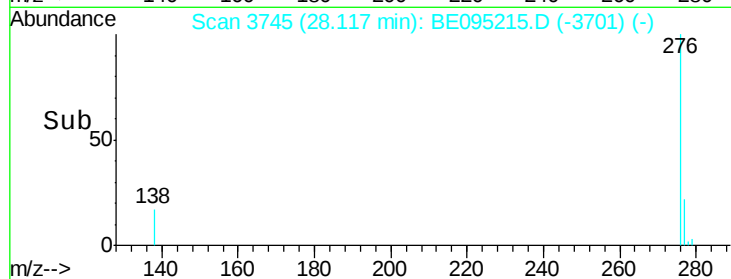
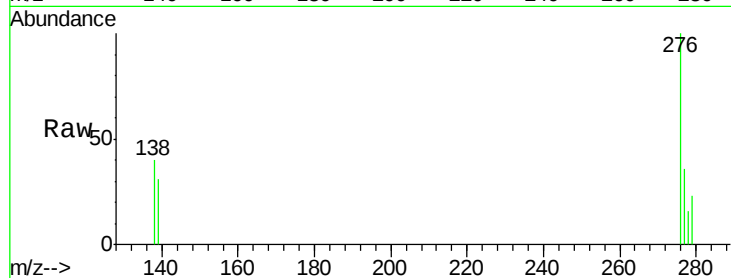
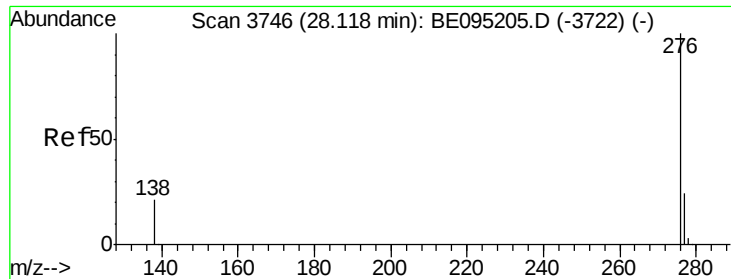
Tgt Ion:	276	Resp:	1611
Ion Ratio	Lower	Upper	
276	100		
138	1.2	28.0	42.0#
227	0.0	8.0	12.0#

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



Time-->





#26
Benzo(a,h,i)perylene
Concen: 0.046 ng/ul m
RT: 28.12 min Scan# 3745
Delta R.T. -0.00 min
Lab File: BE095215.D
Acq: 28 Jan 2018 20:08

Instrument :
BNA_E
ClientSampleId :
F6A21

Tot Ion	Ratio	Lower	Upper
276	100		
138	40.0	21.8	32.8#
277	36.3	20.5	30.7#

Manual Integrations
APPROVED

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