

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
 Data File : BE095385.D
 Acq On : 2 Feb 2018 7:51
 Operator : SJ/JU
 Sample : J1295-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C12

Manual Integrations
 APPROVED

Sohil
 2/2/2018 4:42:49 PM

Quant Time: Feb 02 08:33:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 04:53:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2394	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7483	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4750	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9587	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10078	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9075m	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3173	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	8815	0.24	ng/ul	0.00

Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	25739	1.126	ng/ul	97
8) Acenaphthene	15.08	153	372	0.021	ng/ul#	65
9) Fluorene	16.02	166	2316	0.127	ng/ul#	70
11) Pentachlorophenol	17.36	266	33074	17.812	ng/ul	96
12) Phenanthrene	17.75	178	7891	0.245	ng/ul#	92
13) Anthracene	17.84	178	26939	0.913	ng/ul#	93
15) Fluoranthene	19.73	202	855992	20.503	ng/ul	81
17) Pyrene	20.08	202	1181945	34.951	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	294985	9.362	ng/ul#	85
19) Chrysene	21.84	228	395809	12.097	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	400189m	12.499	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	115035m	3.928	ng/ul	
23) Benzo(a)pyrene	24.32	252	150186m	5.254	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	90756m	2.895	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	22531m	0.879	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	60122m	2.265	ng/ul	

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

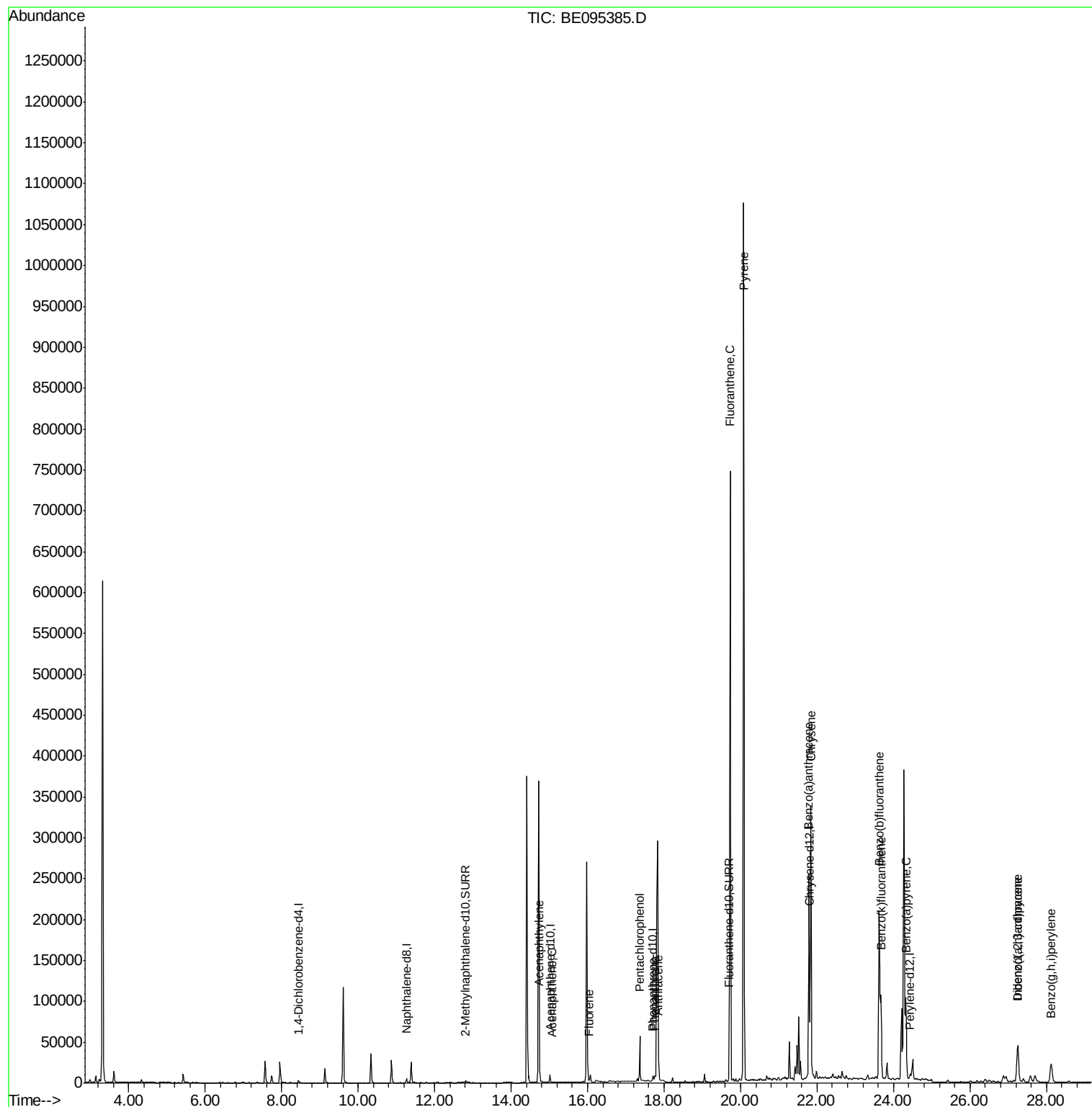
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
Data File : BE095385.D
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Operator : SJ/JU
Sample : J1295-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

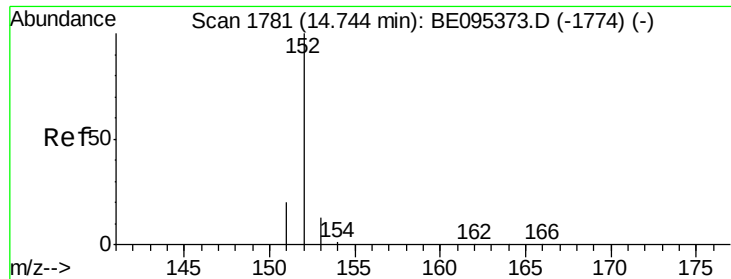
Instrument :
BNA_E
ClientSampleId :
F6C12

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Quant Time: Feb 02 08:33:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 02 04:53:51 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 1.126 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

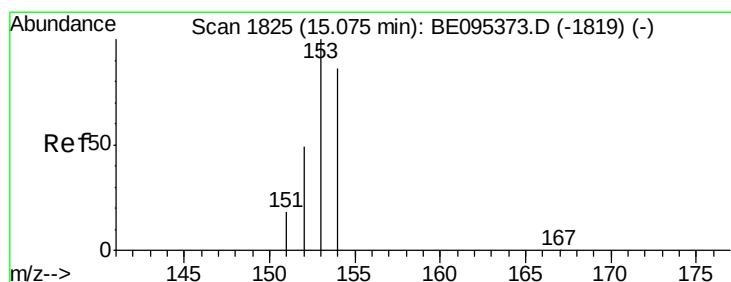
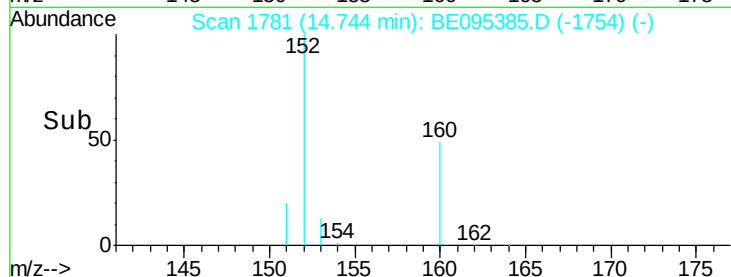
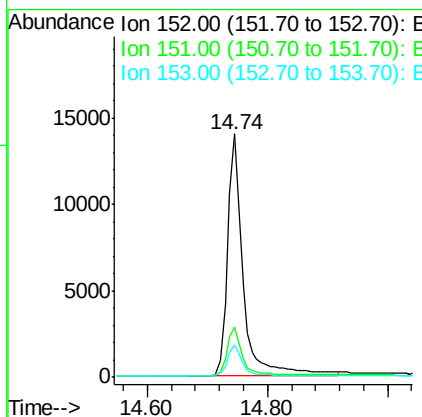
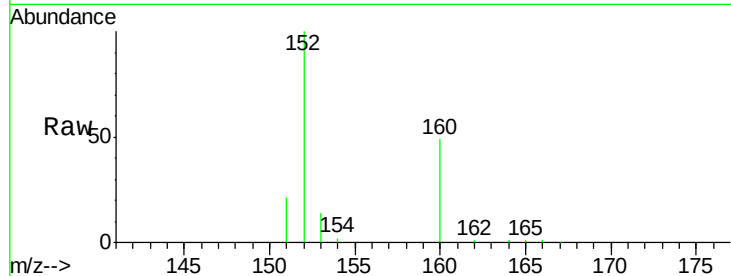
ClientSampleId :

F6C12

Tot Ion:	152	Resp:	25739
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	13.5	12.8	19.2

Manual Integrations
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#8

Acenaphthene

Concen: 0.021 ng/ul

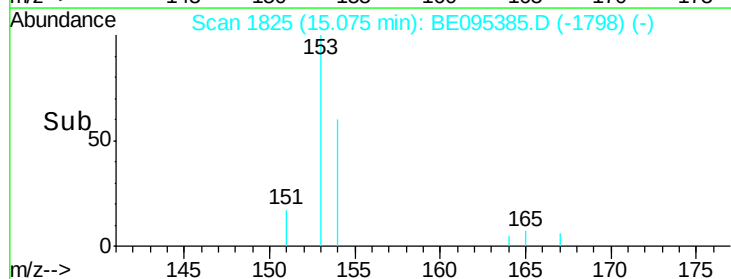
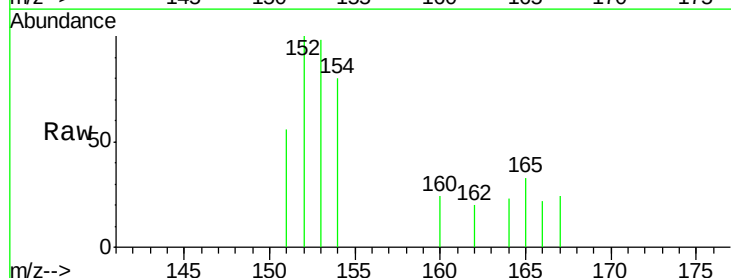
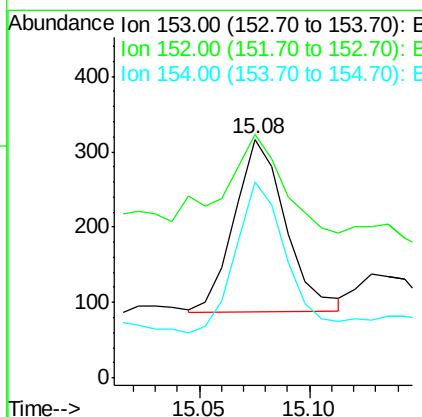
RT: 15.08 min Scan# 1825

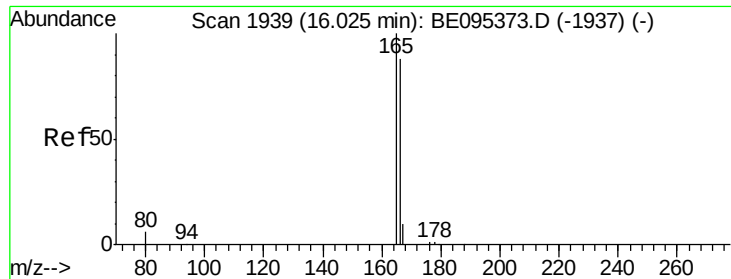
Delta R.T. -0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Tgt Ion:	153	Resp:	372
Ion Ratio	Lower	Upper	
153	100		
152	101.9	36.0	54.0#
154	82.0	72.0	108.0





#9

Fluorene

Concen: 0.127 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

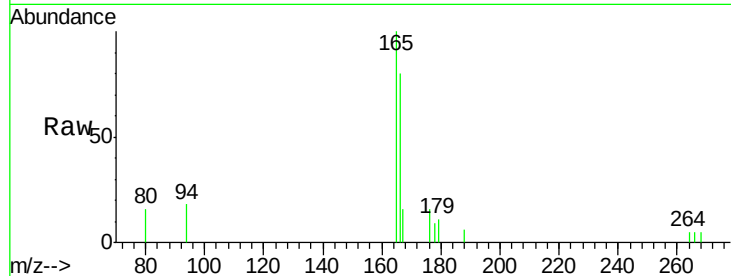
ClientSampled :

F6C12

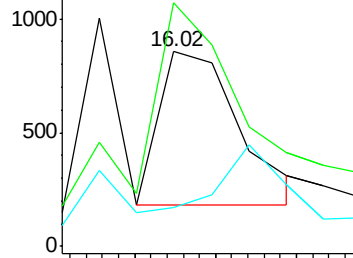
Tot Ion	Ratio	Lower	Upper
166	100		
165	125.3	73.4	110.2#
167	20.2	14.6	22.0

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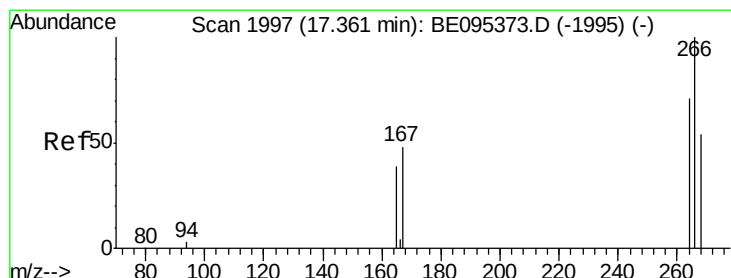
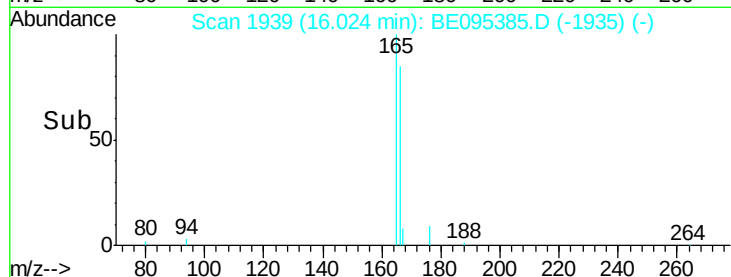
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 17.812 ng/ul

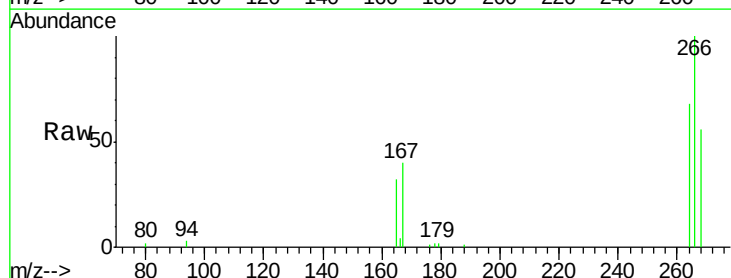
RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

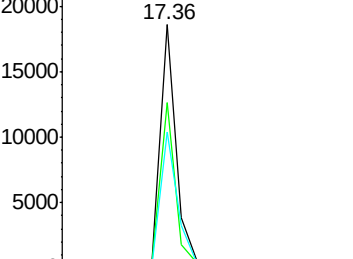
Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

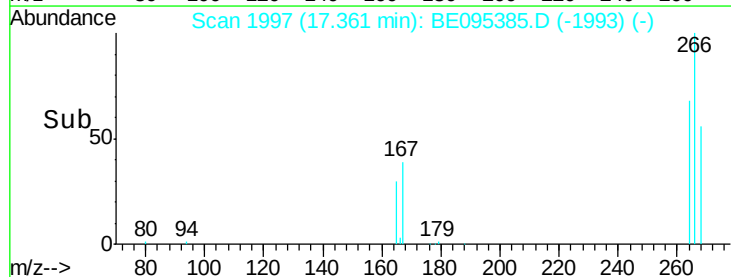
Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.5	47.9	71.9
268	61.1	49.8	74.8

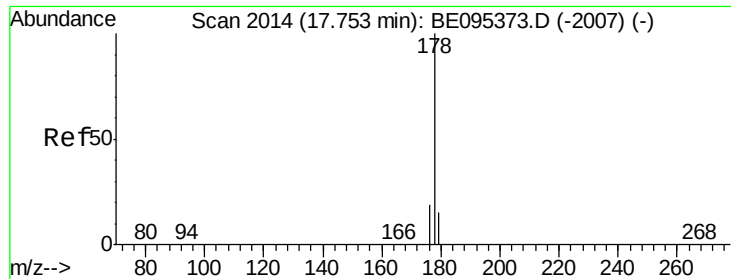


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





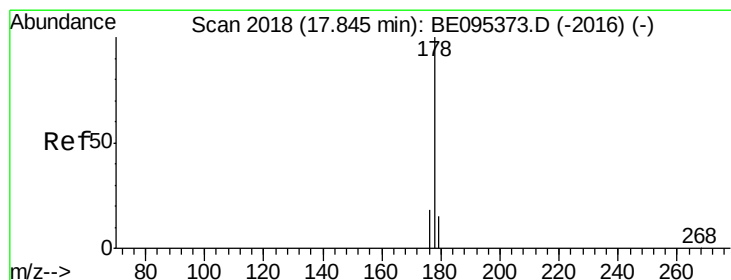
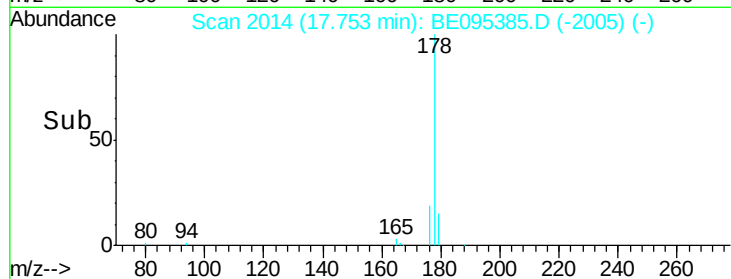
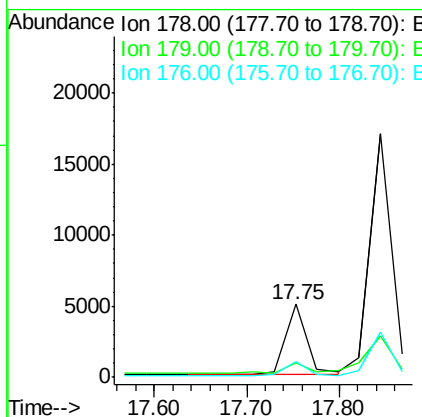
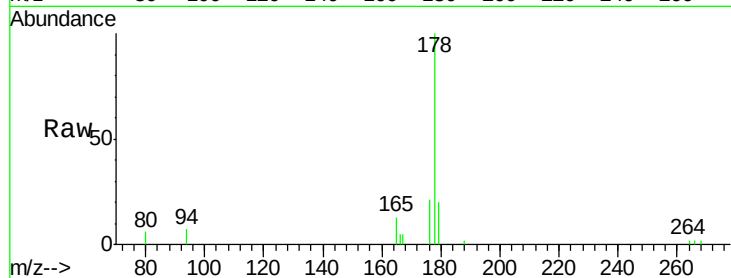
#12
Phenanthrene
Concen: 0.245 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

Instrument :
BNA_E
ClientSampleId :
F6C12

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	18.4	27.6
176	20.9	13.6	20.4

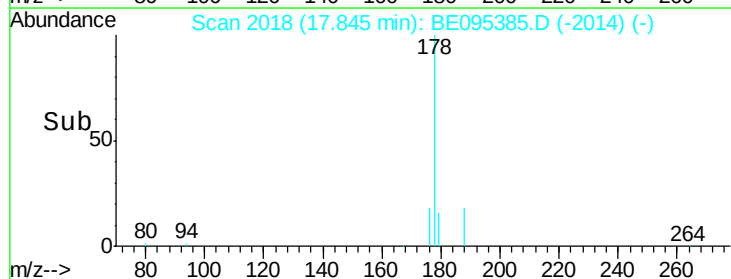
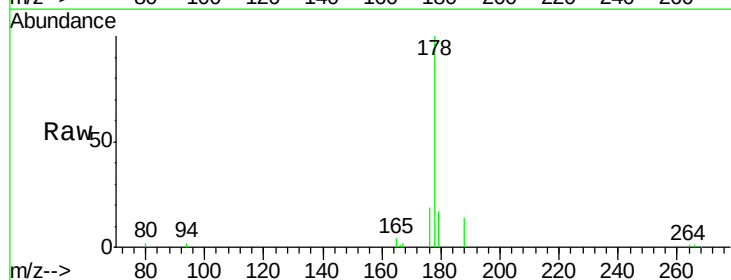
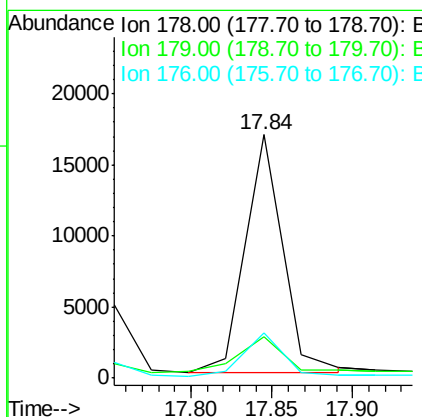
Manual Integrations
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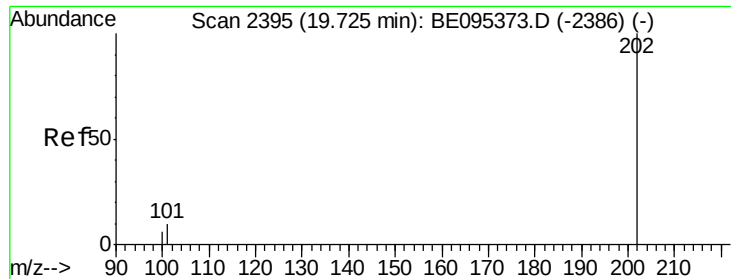
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#13
Anthracene
Concen: 0.913 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1
176	18.8	14.7	22.1





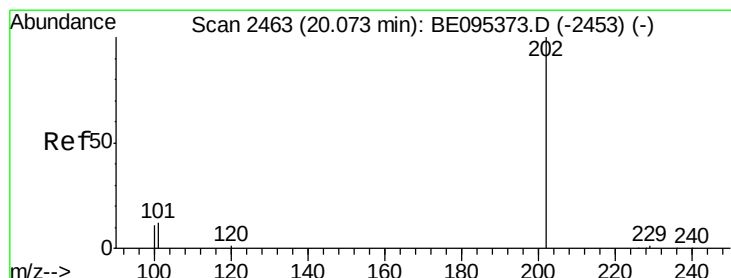
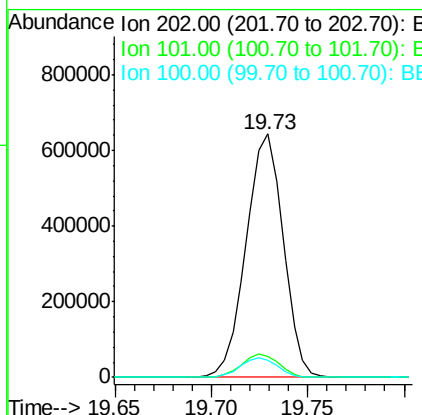
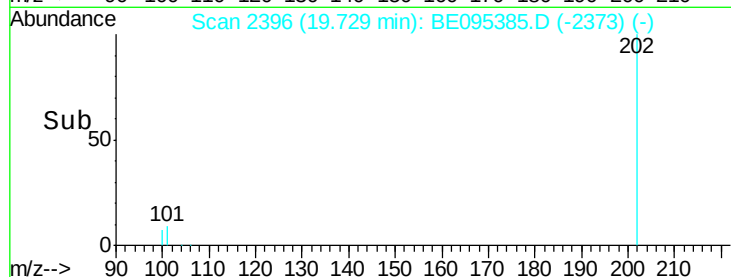
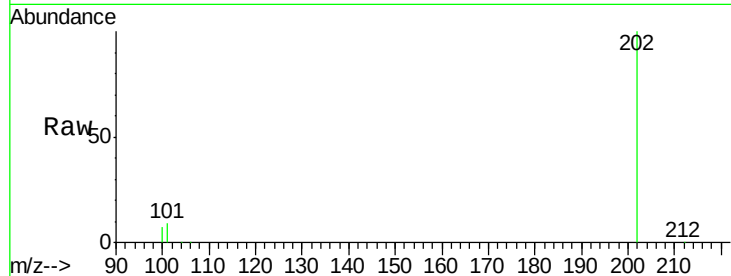
#15
Fluoranthene
Concen: 20.503 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

Instrument :
BNA_E
ClientSampleId :
F6C12

Tot Ion:	202	Resp:	855992
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	30.3
100	7.2	0.0	39.5

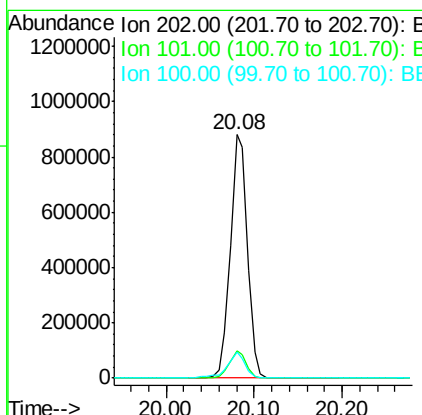
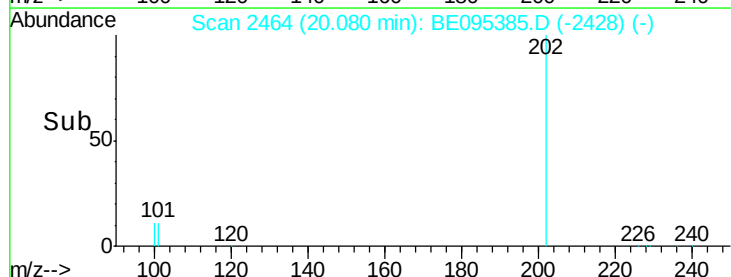
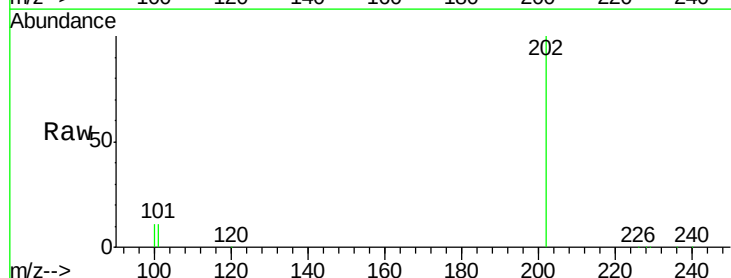
Manual Integrations
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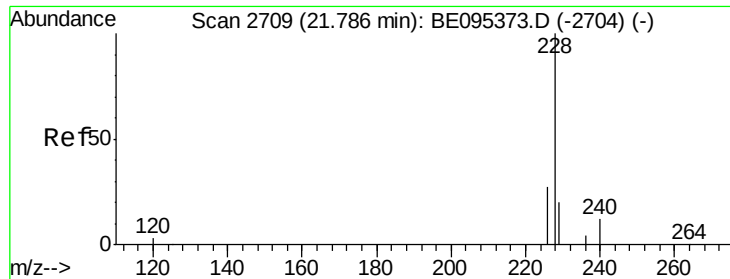
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#17
Pyrene
Concen: 34.951 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

Tgt Ion:	202	Resp:	1181945
Ion Ratio	Lower	Upper	
202	100		
101	11.5	18.2	27.4#
100	10.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 9.362 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

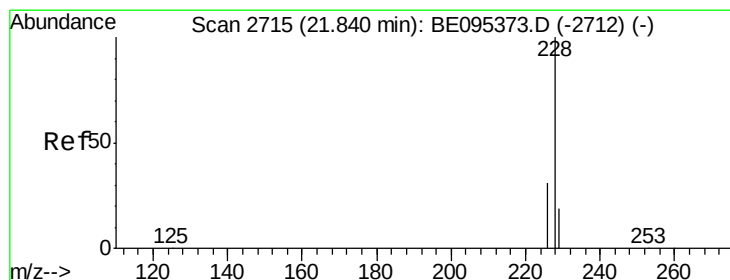
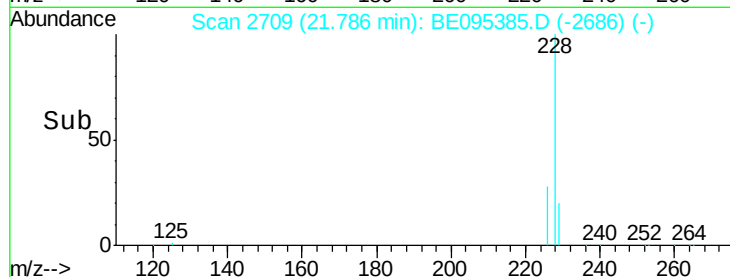
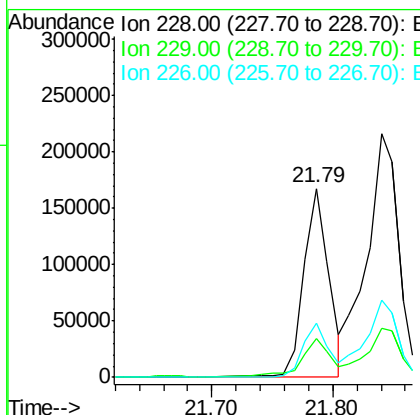
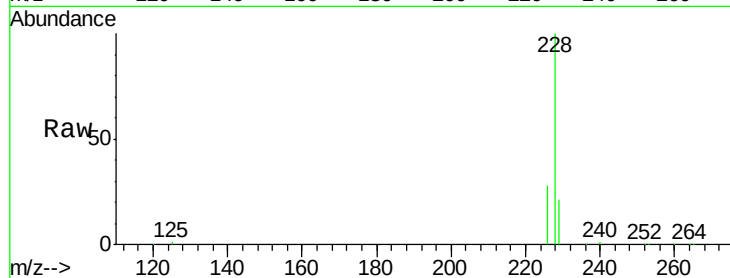
ClientSampled :

F6C12

Tot Ion:	228	Resp:	294985
Ion Ratio	Lower	Upper	
228	100		
229	20.5	22.8	34.2#
226	28.3	17.0	25.6#

Manual Integrations
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#19

Chrysene

Concen: 12.097 ng/ul

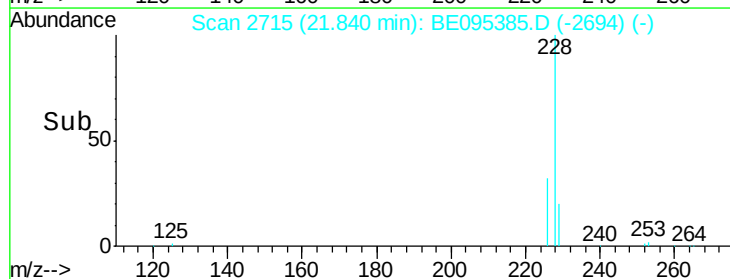
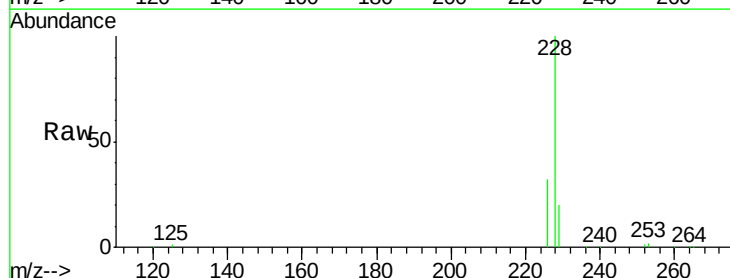
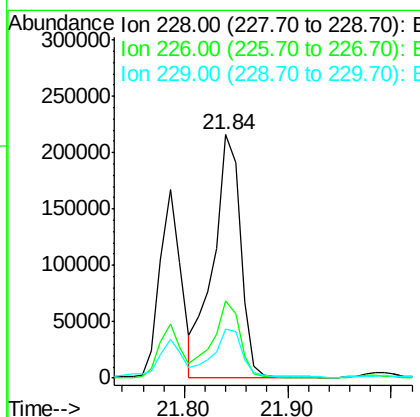
RT: 21.84 min Scan# 2715

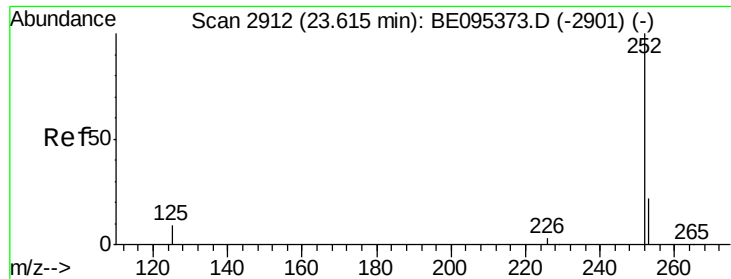
Delta R.T. 0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Tgt Ion:	228	Resp:	395809
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.0
229	20.2	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 12.499 ng/ul m

RT: 23.62 min Scan# 2913

Delta R.T. 0.01 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

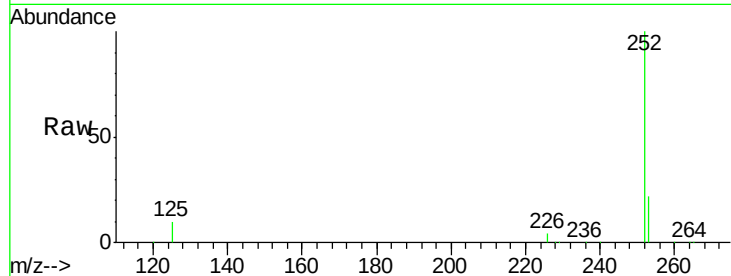
ClientSampleId :

F6C12

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	0.0	64.2
125	10.1	0.0	35.0

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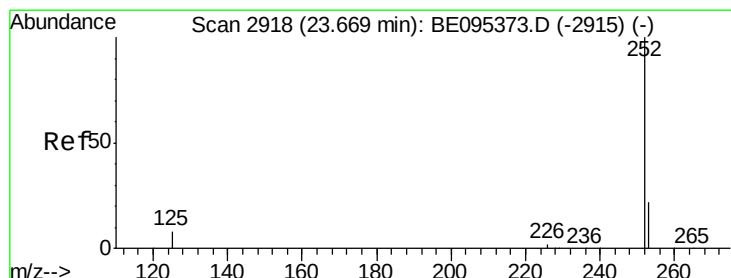
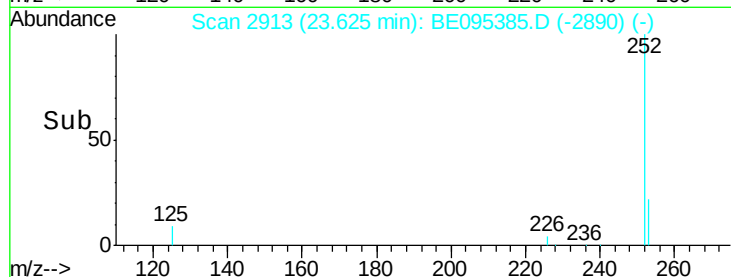
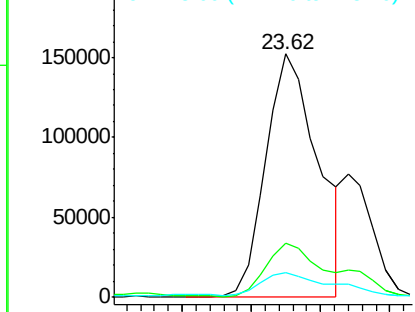


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 3.928 ng/ul m

RT: 23.67 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

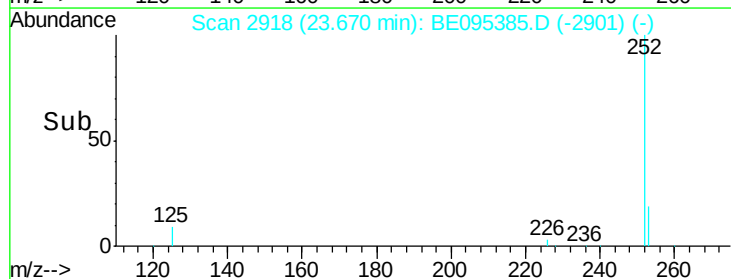
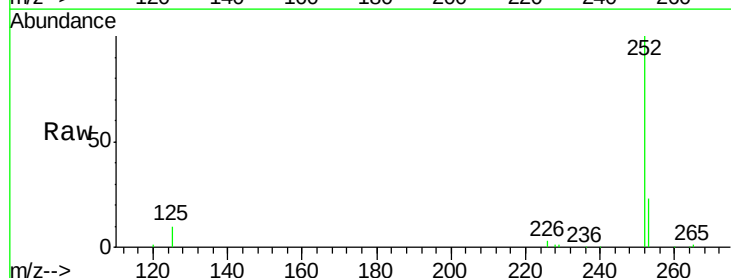
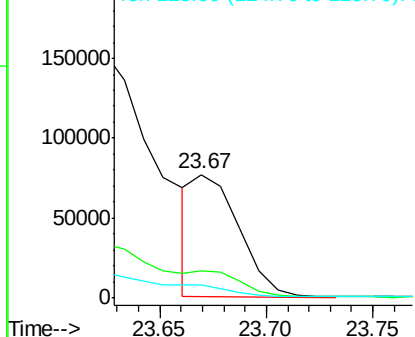
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	24.5	36.7#
125	10.4	13.7	20.5#

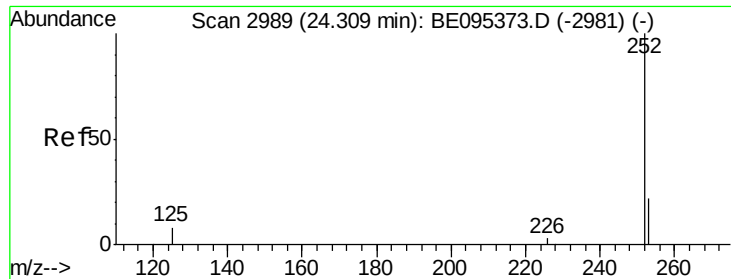
Abundance

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





#23

Benzo(a)pyrene

Concen: 5.254 ng/ul m

RT: 24.32 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Instrument :

BNA_E

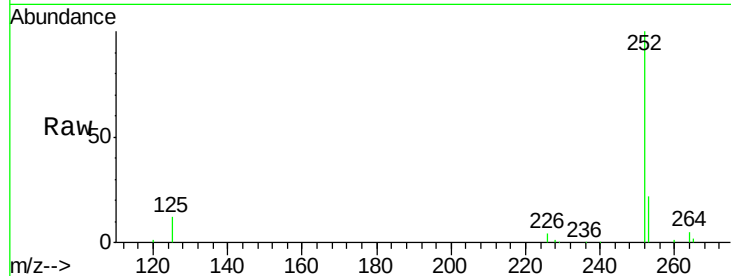
ClientSampled :

F6C12

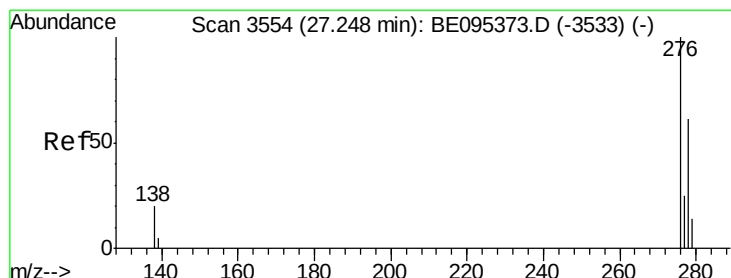
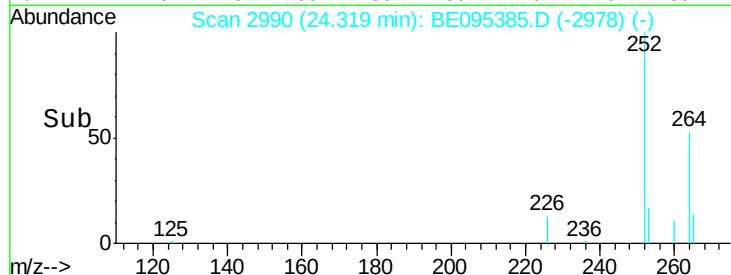
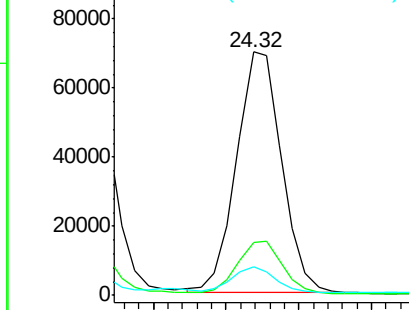
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	28.5	42.7#
125	11.9	18.1	27.1#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.895 ng/ul m

RT: 27.25 min Scan# 3554

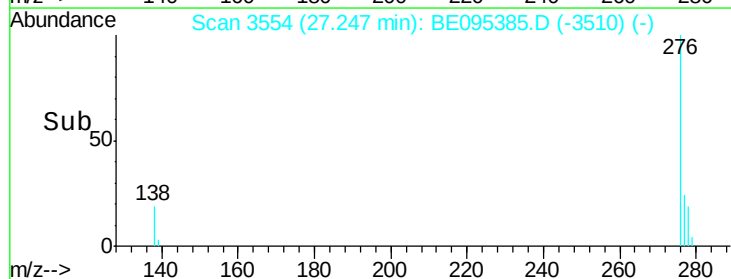
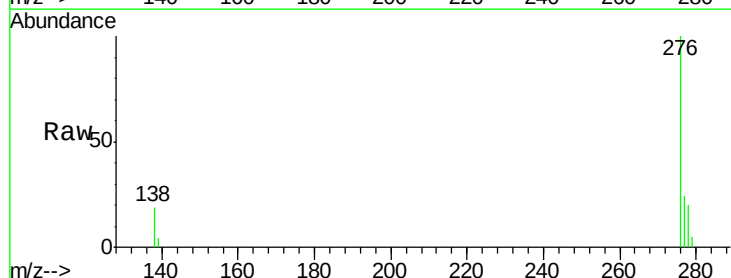
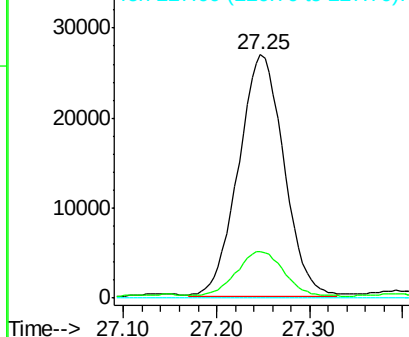
Delta R.T. -0.00 min

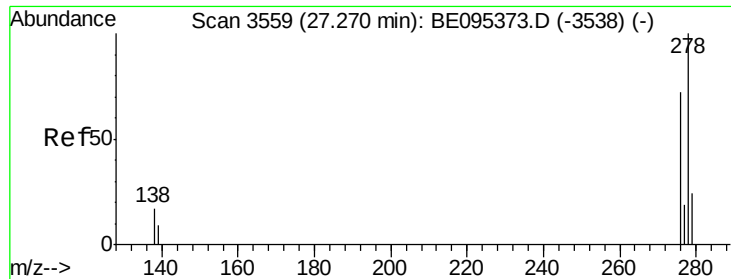
Lab File: BE095385.D

Acq: 2 Feb 2018 7:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.2	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





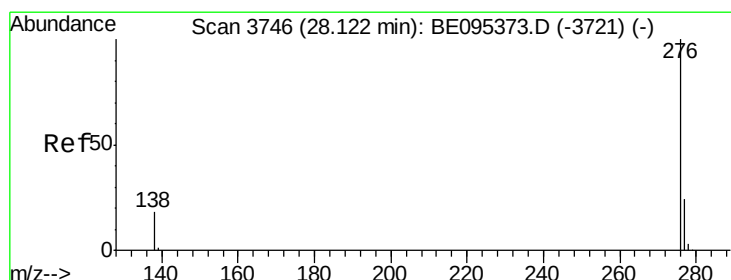
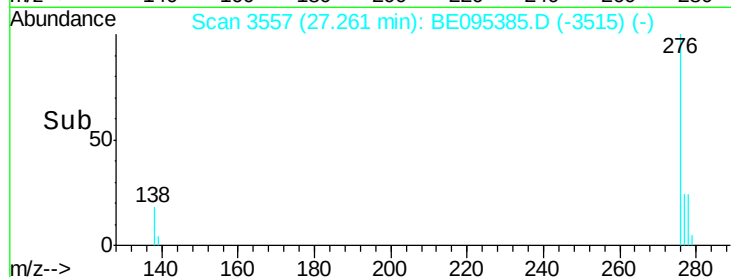
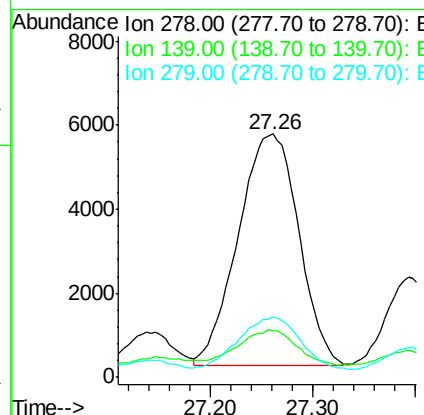
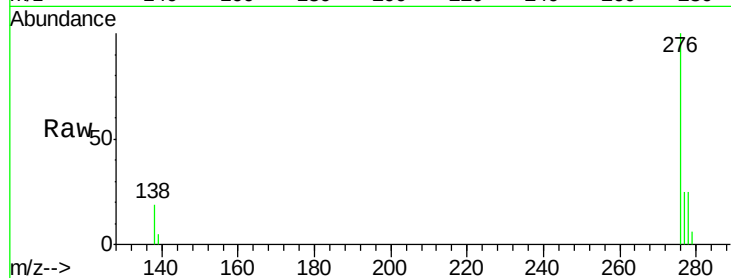
#25
Dibenzo(a,h)anthracene
Concen: 0.879 ng/ul m
RT: 27.26 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

Instrument :
BNA_E
ClientSampleId :
F6C12

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.4	26.0
279	24.7	25.9	38.9#

Manual Integrations
APPROVED

Sohil
2/2/2018 4:42:49 PM



#26
Benzo(g,h,i)perylene
Concen: 2.265 ng/ul m
RT: 28.12 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BE095385.D
Acq: 2 Feb 2018 7:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	21.8	32.8#
277	24.3	20.5	30.7

