

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095276.D
 Acq On : 30 Jan 2018 9:29
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B54

Manual Integrations
 APPROVED

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 1/31/2018 8:27:49 PM

Quant Time: Jan 31 01:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 01:22:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2384	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7369	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4745	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9701m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10057	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9140m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4056	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10606	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	14048	0.681	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	2857	0.207	ng/ul	100
7) Acenaphthylene	14.75	152	4142	0.181	ng/ul	99
8) Acenaphthene	15.08	153	9917	0.560	ng/ul	94
9) Fluorene	16.02	166	9315	0.510	ng/ul#	75
12) Phenanthrene	17.75	178	18920	0.580	ng/ul#	87
13) Anthracene	17.84	178	6888	0.231	ng/ul#	92
15) Fluoranthene	19.72	202	13726	0.325	ng/ul	85
17) Pyrene	20.08	202	10068m	0.298	ng/ul	
18) Benzo(a)anthracene	21.79	228	5003	0.159	ng/ul#	85
19) Chrysene	21.84	228	3492	0.107	ng/ul	94
21) Benzo(b)fluoranthene	23.62	252	3818m	0.118	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1043m	0.035	ng/ul	
23) Benzo(a)pyrene	24.32	252	2415m	0.084	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1348m	0.043	ng/ul	
26) Benzo(a,h,i)perylene	28.12	276	1106m	0.041	ng/ul	

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

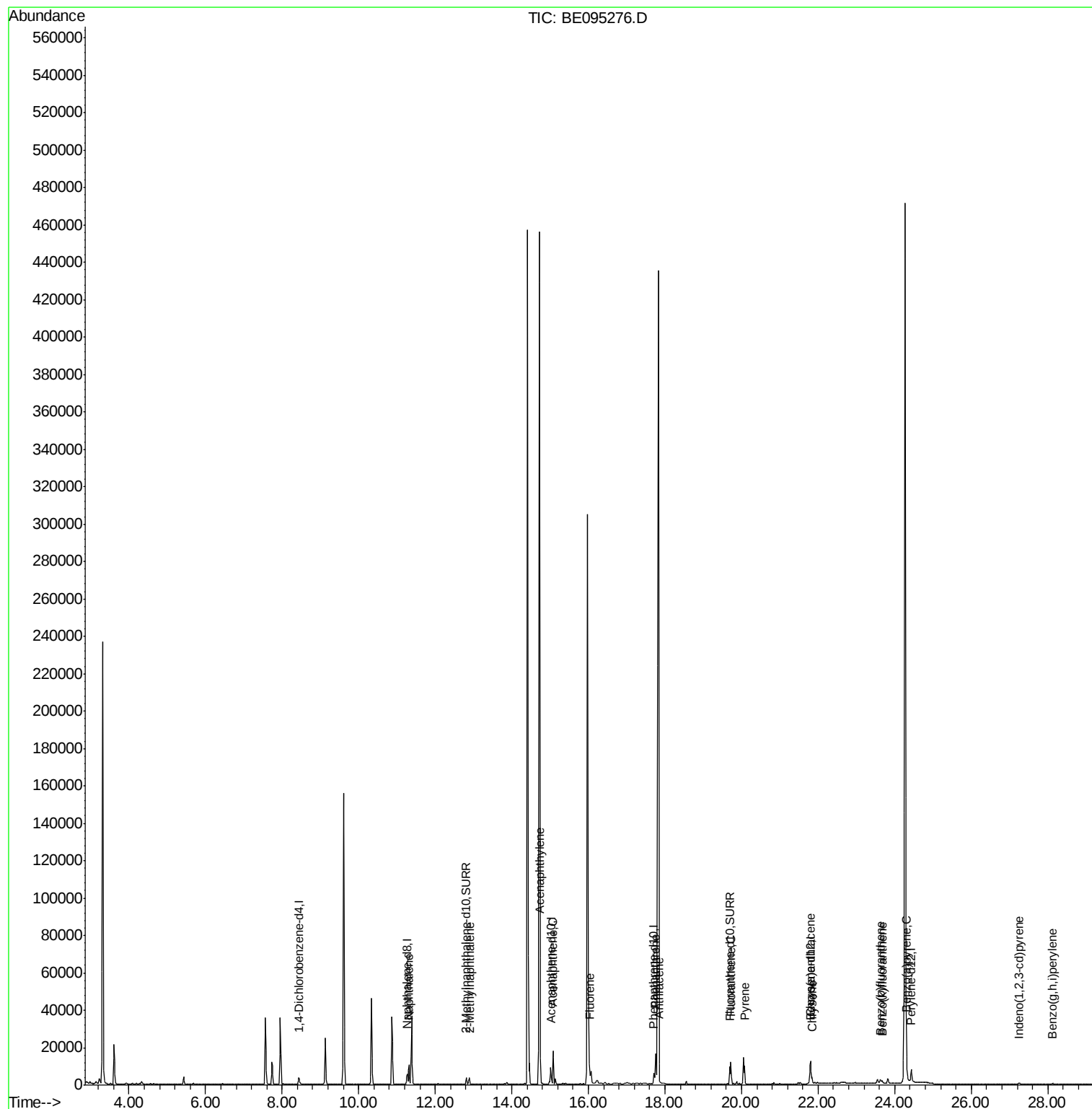
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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Sample : J1244-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

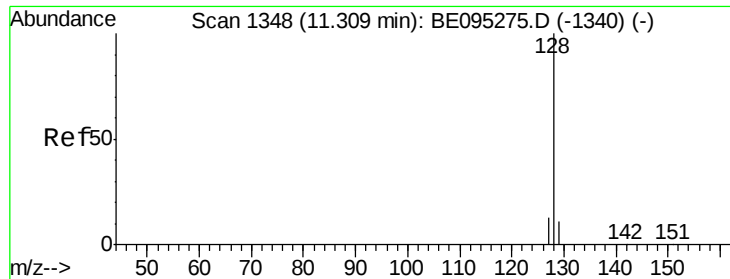
Instrument :
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Quant Time: Jan 31 01:37:37 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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#3

Naphthalene

Concen: 0.681 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

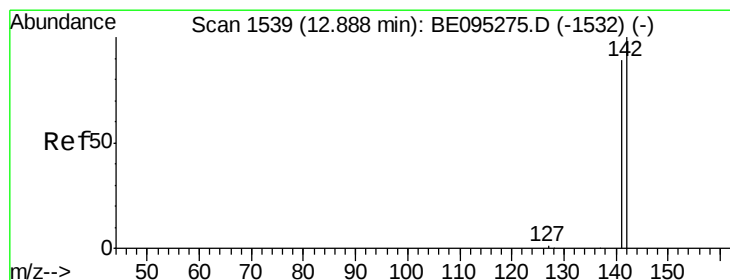
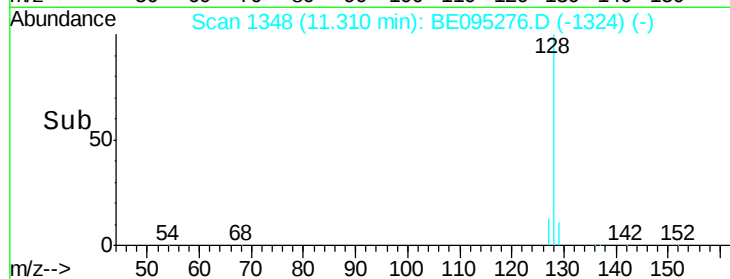
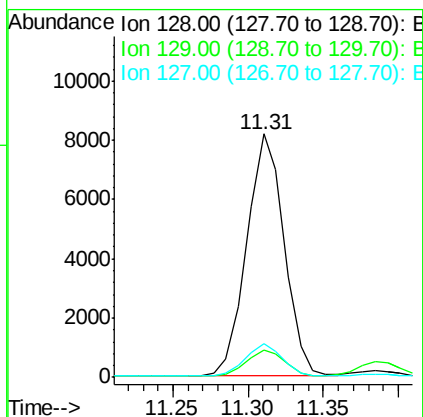
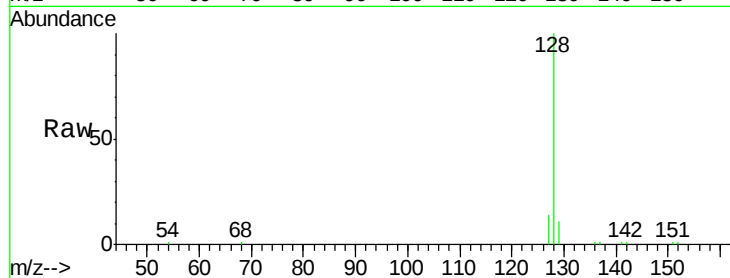
ClientSampled :

F6B54

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.3	16.9#
127	13.9	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.207 ng/ul

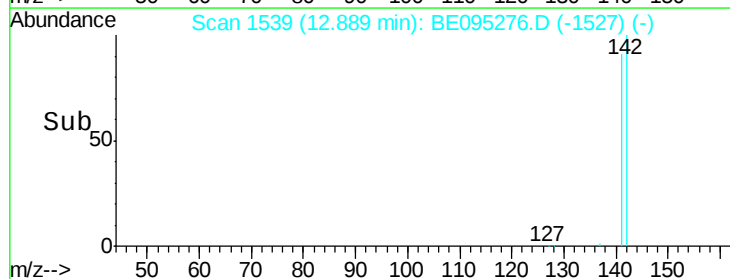
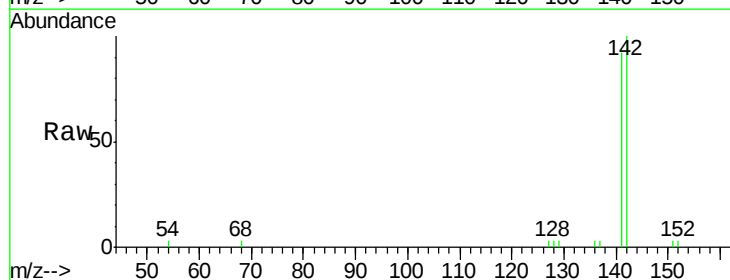
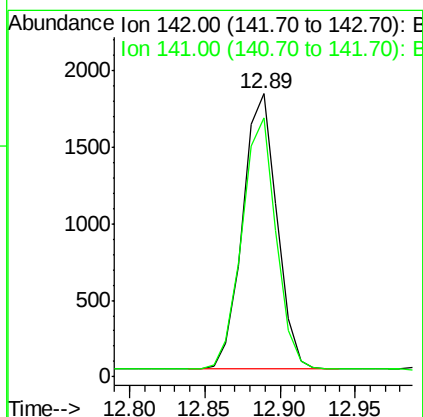
RT: 12.89 min Scan# 1539

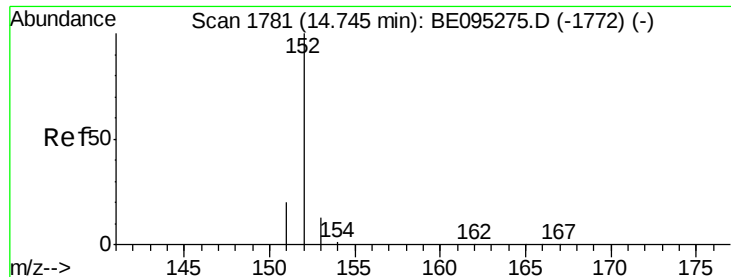
Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.181 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

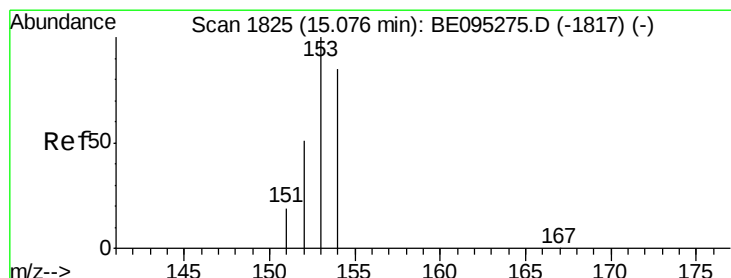
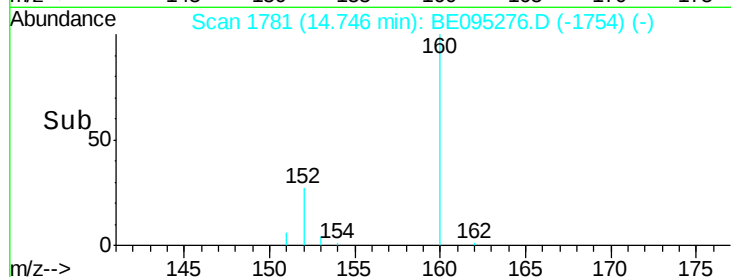
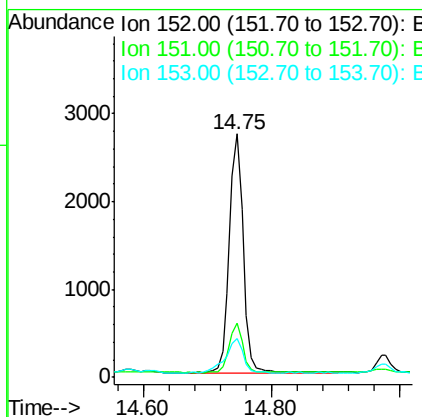
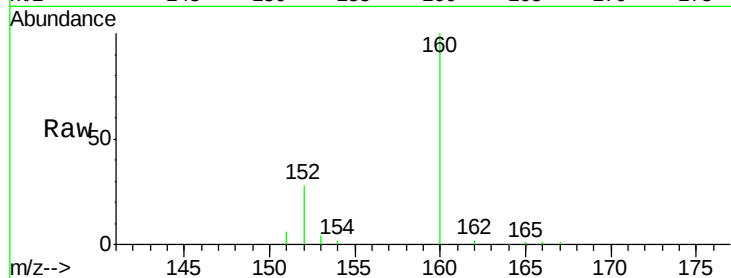
ClientSampleId :

F6B54

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	15.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.560 ng/ul

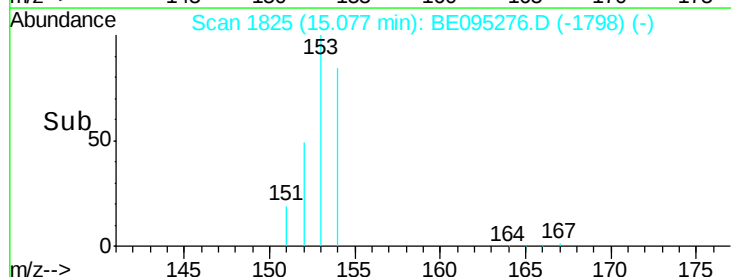
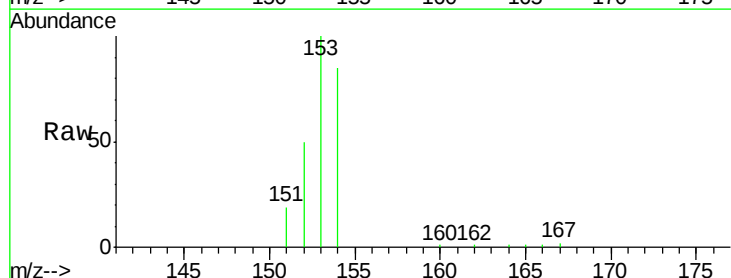
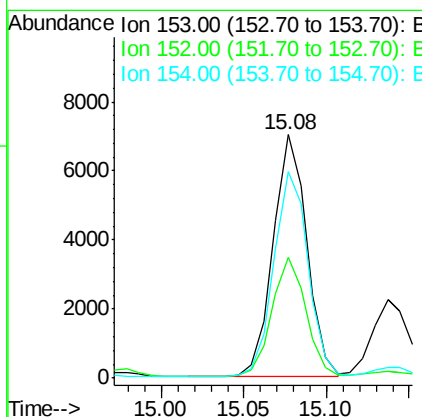
RT: 15.08 min Scan# 1825

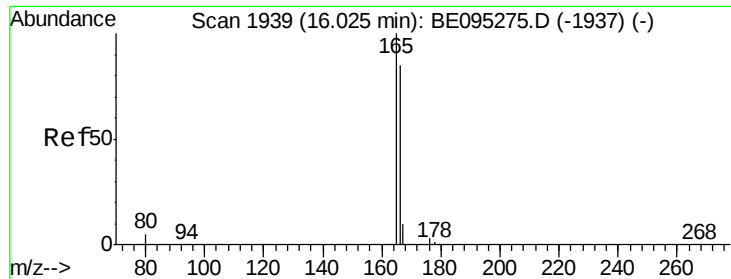
Delta R.T. 0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.5	36.0	54.0
154	85.0	72.0	108.0





#9

Fluorene

Concen: 0.510 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

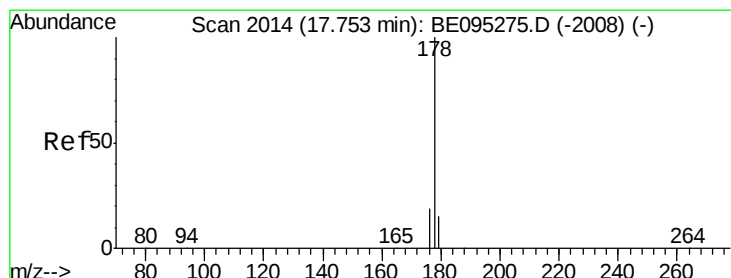
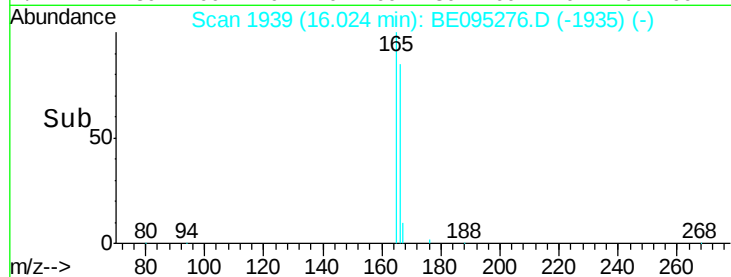
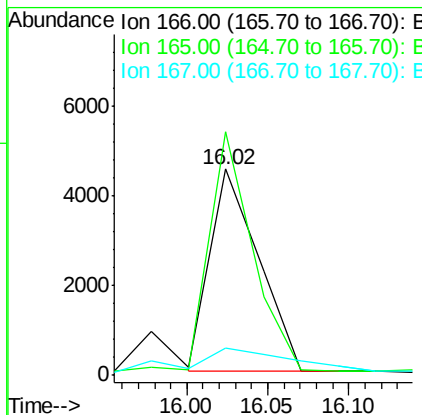
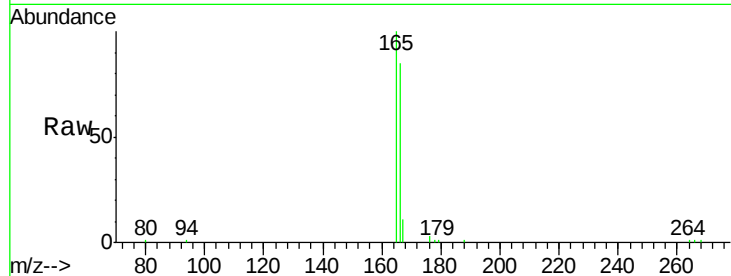
ClientSampleId :

F6B54

Tot Ion:	166	Resp:	9315
Ion Ratio	Lower	Upper	
166	100		
165	118.1	73.4	110.2#
167	13.4	14.6	22.0#

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#12

Phenanthrene

Concen: 0.580 ng/ul

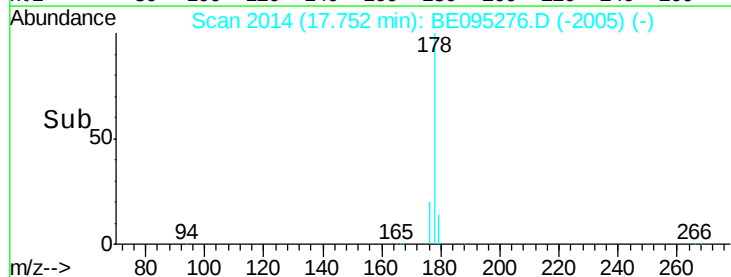
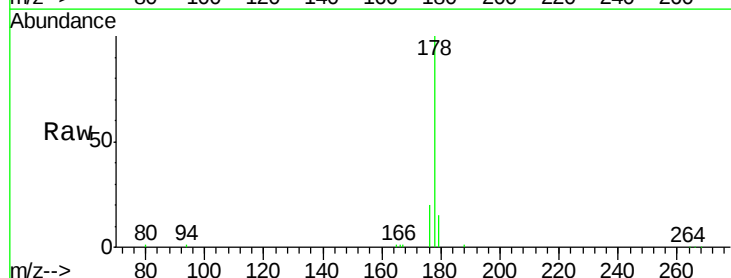
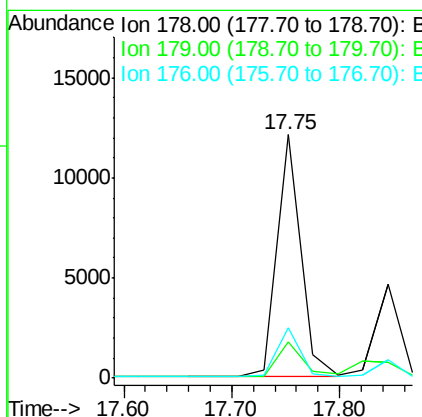
RT: 17.75 min Scan# 2014

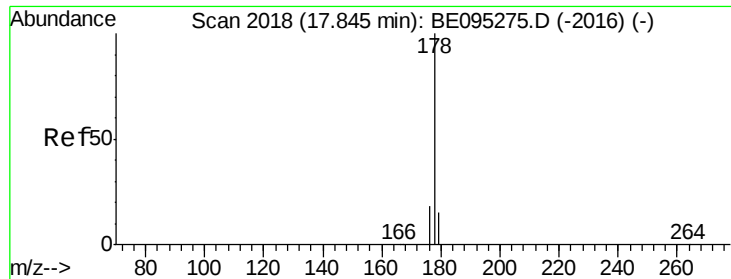
Delta R.T. -0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Tgt Ion:	178	Resp:	18920
Ion Ratio	Lower	Upper	
178	100		
179	14.7	18.4	27.6#
176	20.4	13.6	20.4#





#13

Anthracene

Concen: 0.231 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

ClientSampleId :

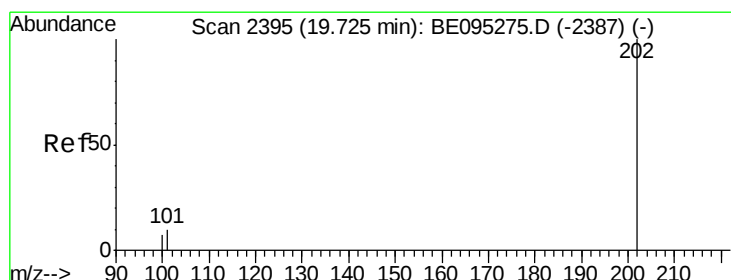
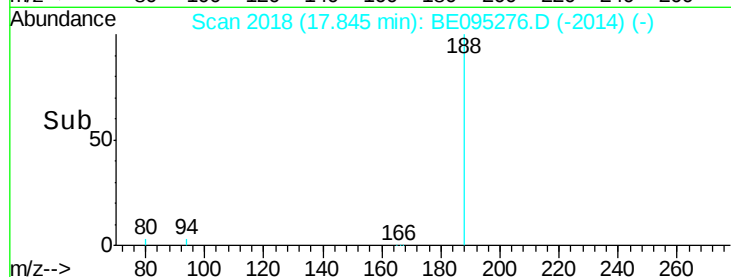
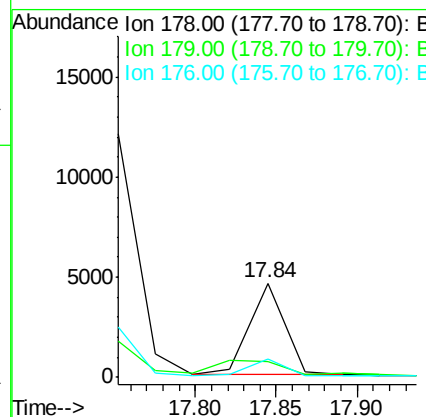
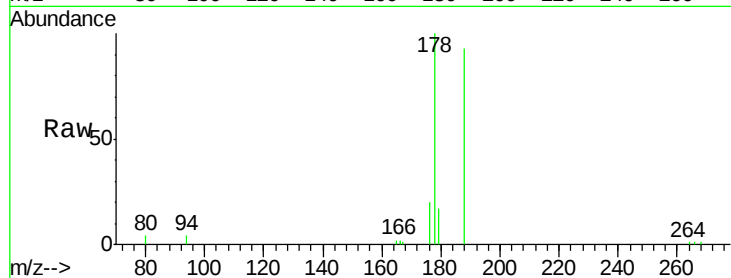
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Tot Ion:178 Resp: 6888

Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.1	27.1#
176	19.9	14.7	22.1

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#15

Fluoranthene

Concen: 0.325 ng/ul

RT: 19.72 min Scan# 2395

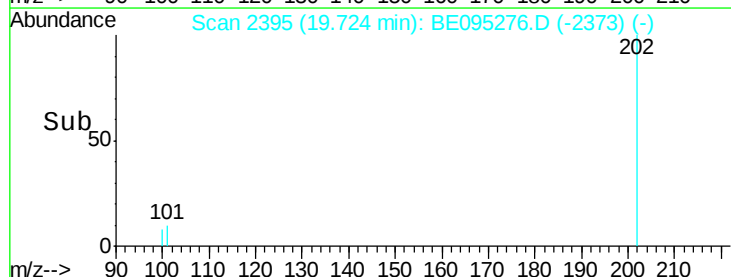
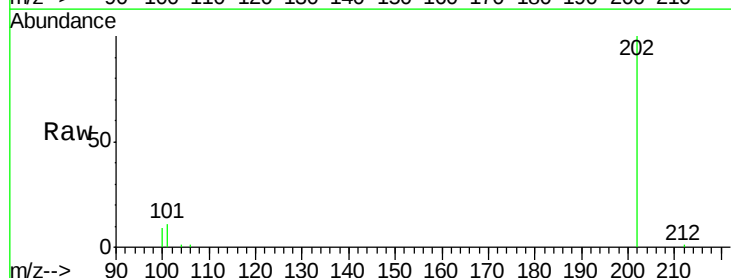
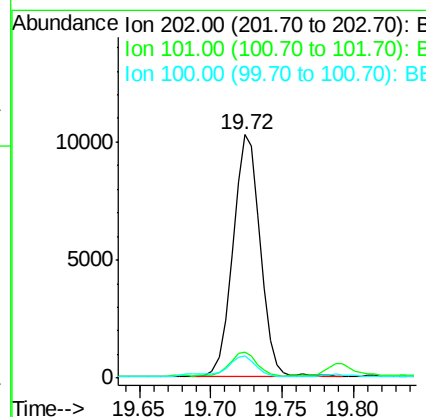
Delta R.T. -0.00 min

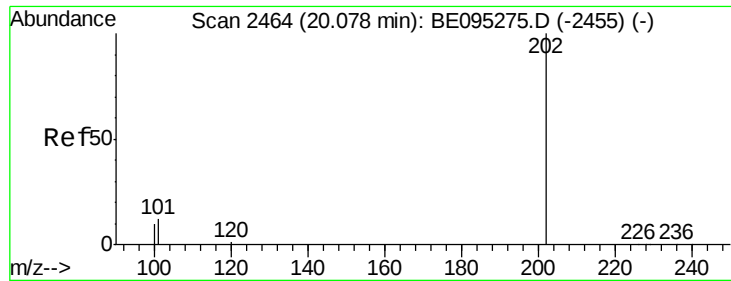
Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Tgt Ion:202 Resp: 13726

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.9	0.0	39.5





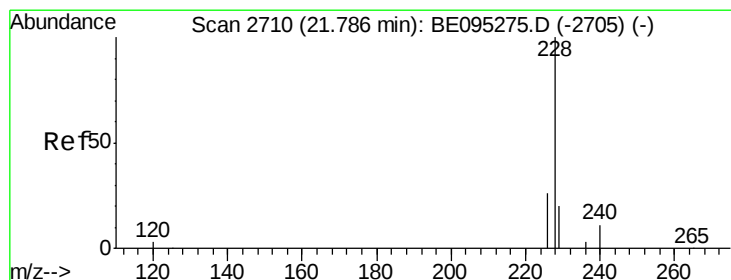
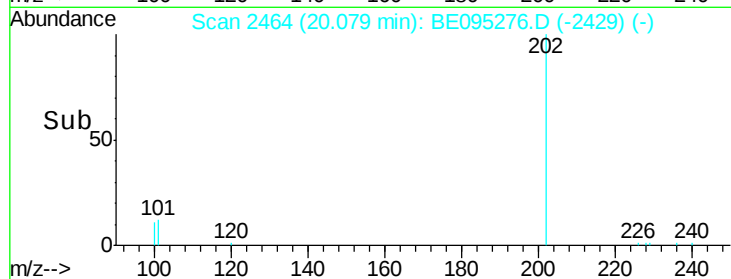
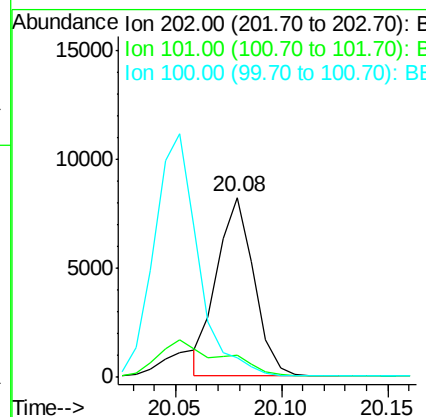
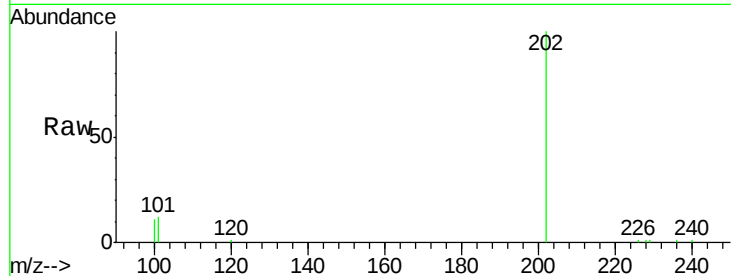
#17
Pvrene
Concen: 0.298 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095276.D
Acq: 30 Jan 2018 9:29

Instrument :
BNA_E
ClientSampleId :
F6B54

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	18.2	27.4#
100	10.8	15.6	23.4#

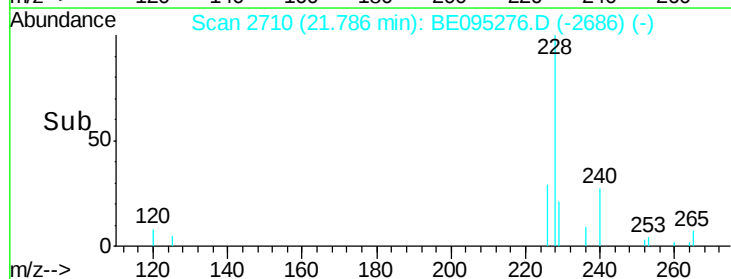
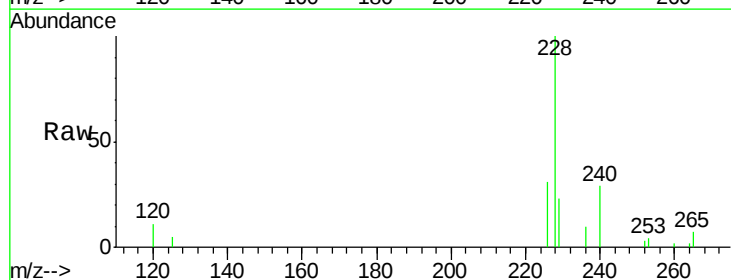
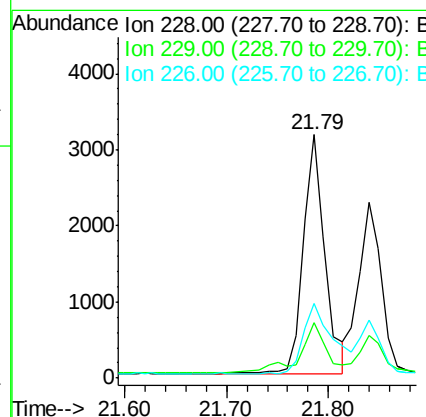
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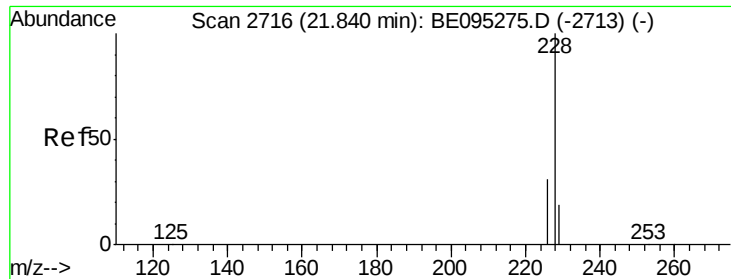
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#18
Benzo(a)anthracene
Concen: 0.159 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095276.D
Acq: 30 Jan 2018 9:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.7	22.8	34.2#
226	30.5	17.0	25.6#





#19

Chrysene

Concen: 0.107 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. -0.00 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Instrument :

BNA_E

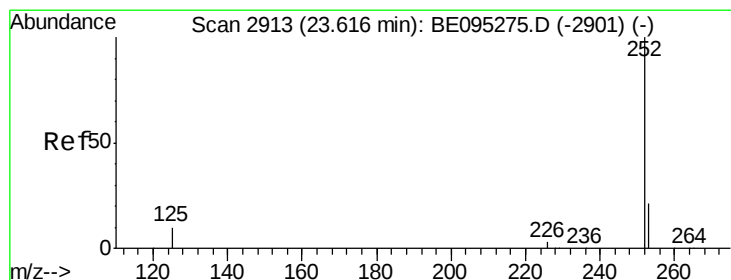
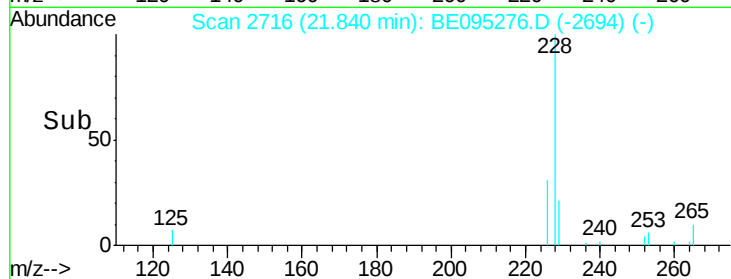
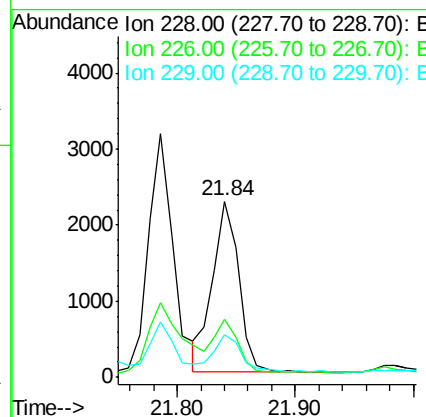
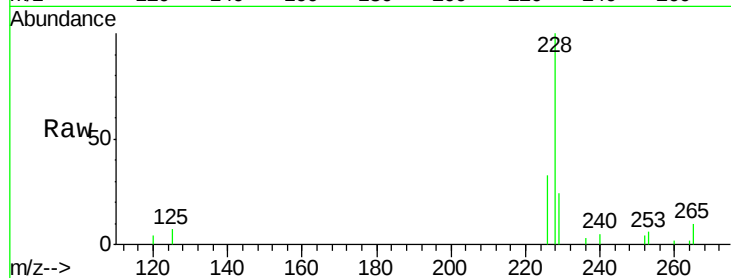
ClientSampleId :

F6B54

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.0
229	24.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.118 ng/ul m

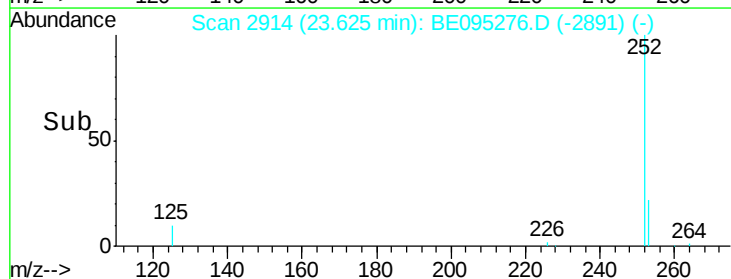
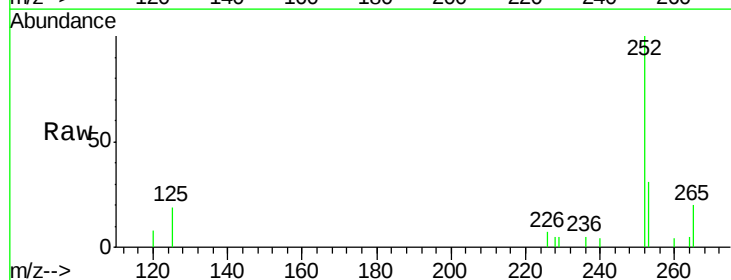
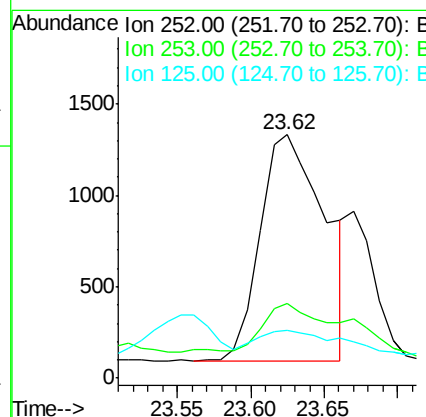
RT: 23.62 min Scan# 2914

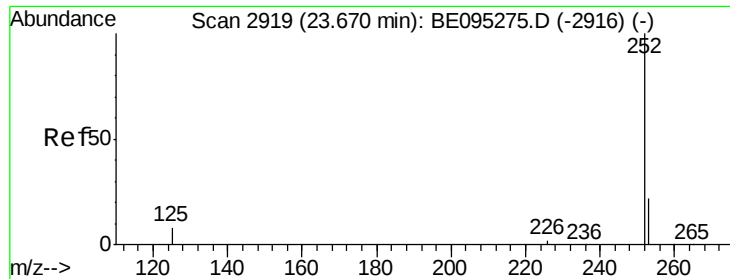
Delta R.T. 0.01 min

Lab File: BE095276.D

Acq: 30 Jan 2018 9:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	64.2
125	19.4	0.0	35.0





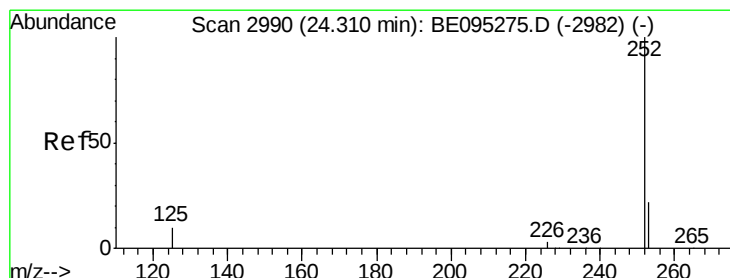
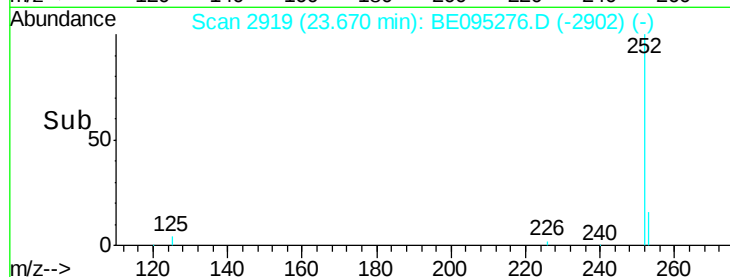
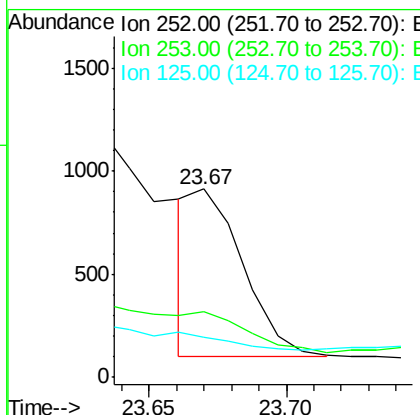
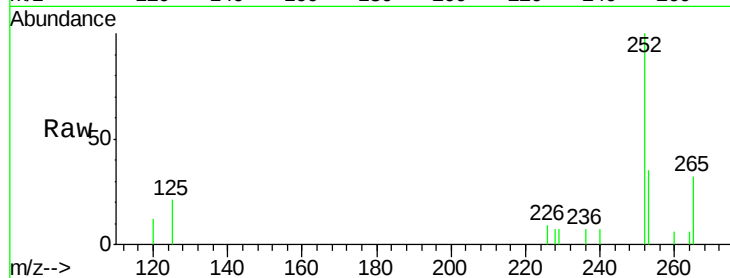
#22
Benzo(k)fluoranthene
Concen: 0.035 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095276.D
Acq: 30 Jan 2018 9:29

Instrument :
BNA_E
ClientSampleId :
F6B54

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.3	24.5	36.7
125	21.4	13.7	20.5

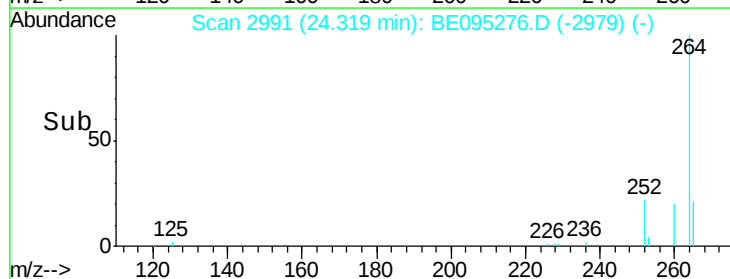
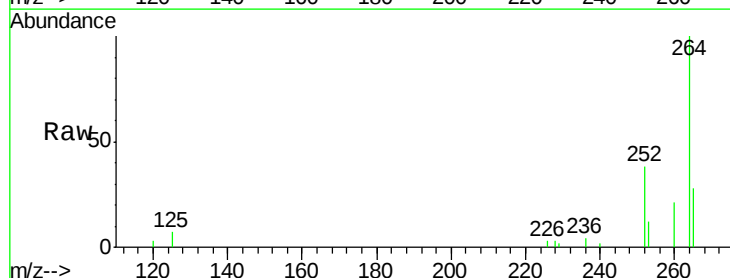
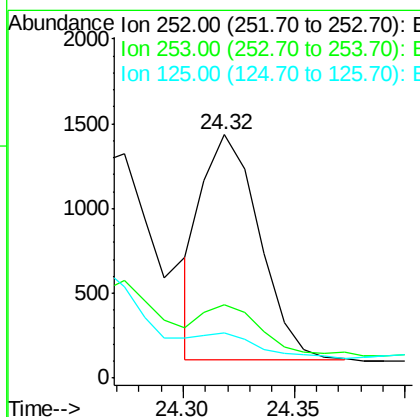
Manual Integrations
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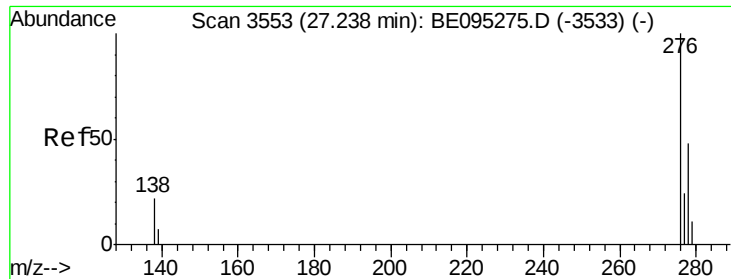
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#23
Benzo(a)pyrene
Concen: 0.084 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. 0.01 min
Lab File: BE095276.D
Acq: 30 Jan 2018 9:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	28.5	42.7
125	18.7	18.1	27.1





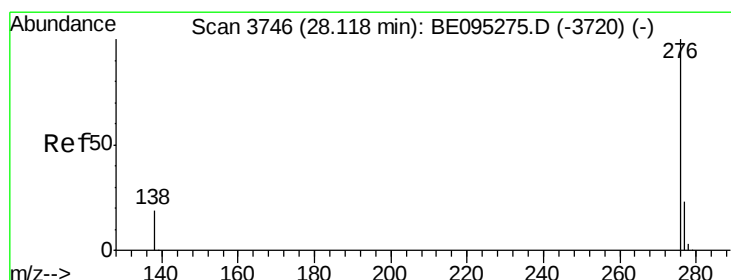
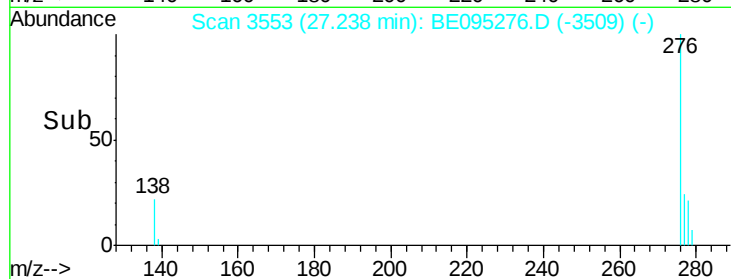
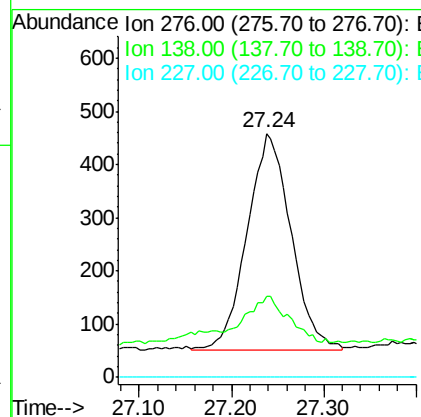
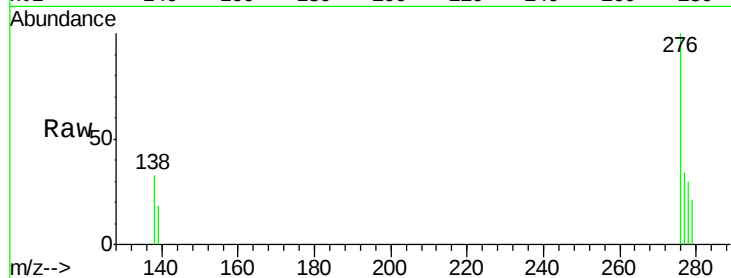
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.043 ng/ul m
 RT: 27.24 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BE095276.D
 Acq: 30 Jan 2018 9:29

Instrument :
 BNA_E
 ClientSampleId :
 F6B54

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.4	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:27:49 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.041 ng/ul m
 RT: 28.12 min Scan# 3746
 Delta R.T. -0.00 min
 Lab File: BE095276.D
 Acq: 30 Jan 2018 9:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	21.8	32.8#
277	35.8	20.5	30.7#

