

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095313.D
 Acq On : 31 Jan 2018 12:35
 Operator : SJ/JU
 Sample : J1244-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B43

Manual Integrations
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 1/31/2018 8:29:05 PM

Quant Time: Jan 31 14:37:07 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 11:55:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2580	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8206	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5155	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10705	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	10929	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11684	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3072	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	7750	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	594910	25.890	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	329929	21.503	ng/ul	100
7) Acenaphthylene	14.74	152	5766	0.232	ng/ul#	80
8) Acenaphthene	15.08	153	265299	13.788	ng/ul	97
9) Fluorene	16.02	166	204135	10.288	ng/ul#	74
11) Pentachlorophenol	17.36	266	88823	42.839	ng/ul	96
12) Phenanthrene	17.75	178	939398	26.092	ng/ul#	84
13) Anthracene	17.85	178	149408	4.534	ng/ul#	91
15) Fluoranthene	19.73	202	585345	12.556	ng/ul	82
17) Pyrene	20.08	202	424510	11.576	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	93170	2.727	ng/ul#	86
19) Chrysene	21.84	228	62206	1.753	ng/ul	98
21) Benzo(b)fluoranthene	23.63	252	44313m	1.075	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	18164m	0.482	ng/ul	
23) Benzo(a)pyrene	24.32	252	25648	0.697	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.24	276	8419	0.209	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.26	278	2717	0.082	ng/ul#	86
26) Benzo(g,h,i)perylene	28.12	276	6865	0.201	ng/ul	95

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

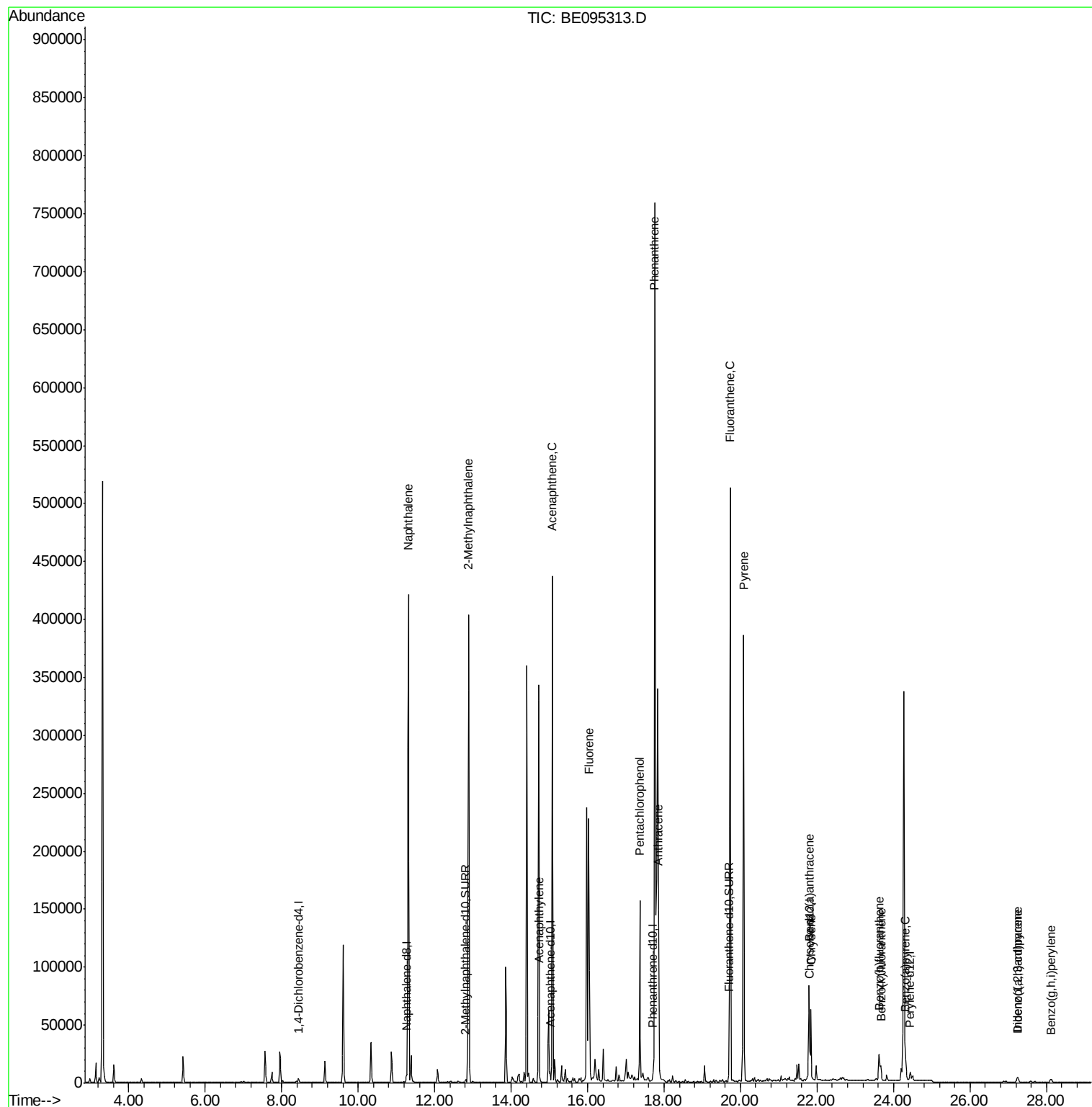
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
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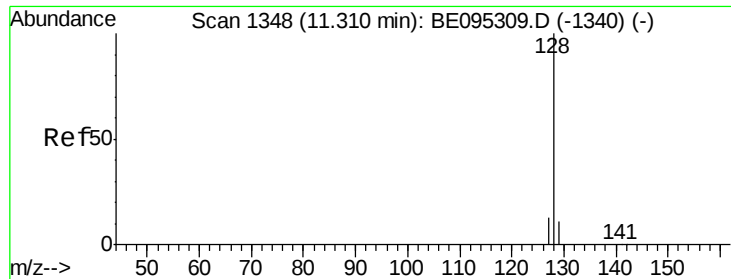
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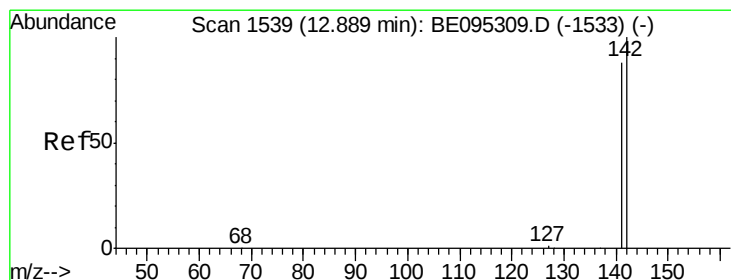
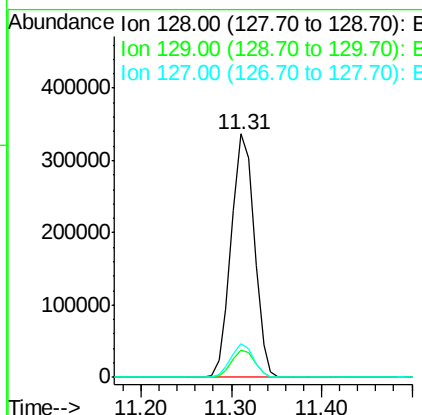
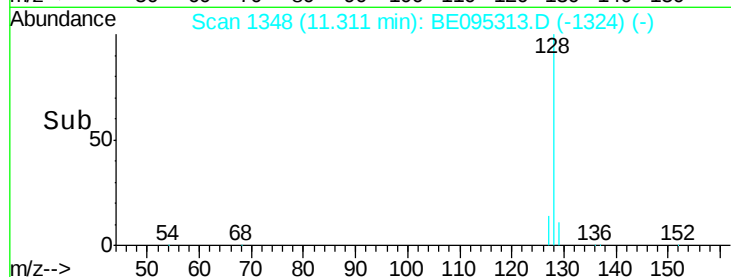
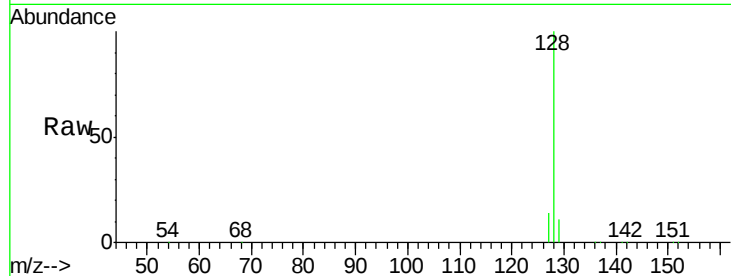
#3
Naphthalene
Concen: 25.890 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Instrument :
BNA_E
ClientSampleId :
F6B43

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.7	4.0	6.0#

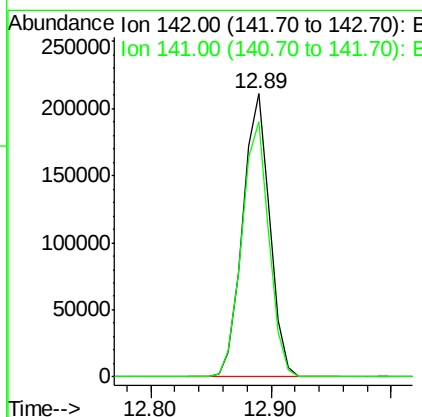
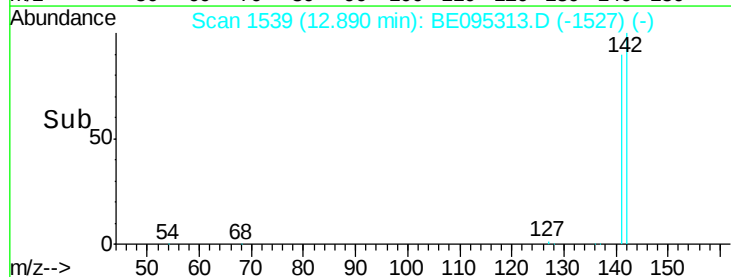
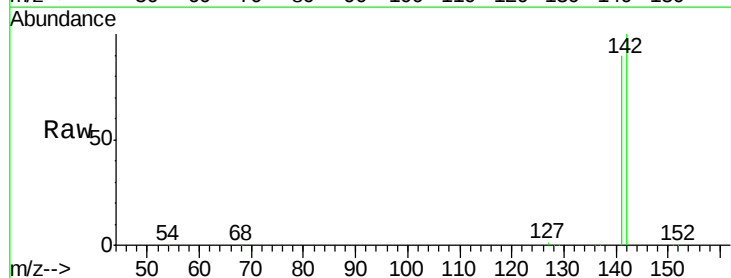
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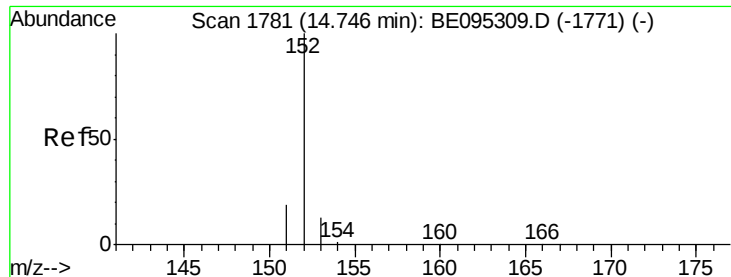
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#5
2-Methylnaphthalene
Concen: 21.503 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.232 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

Instrument :

BNA_E

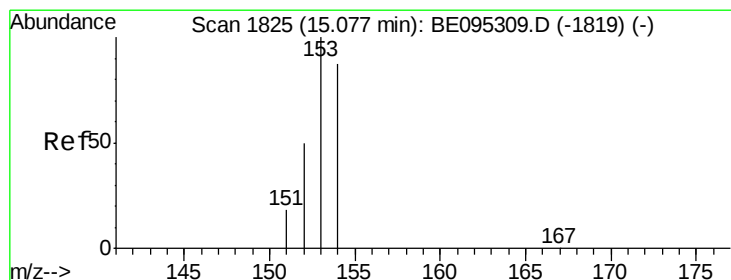
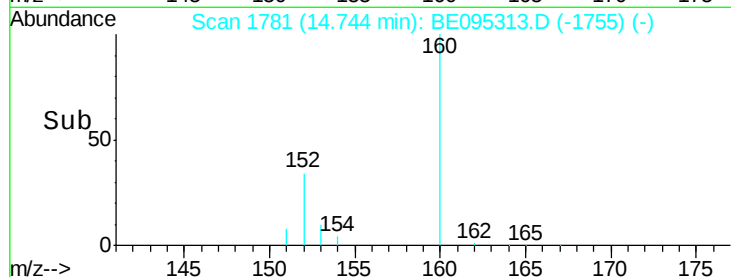
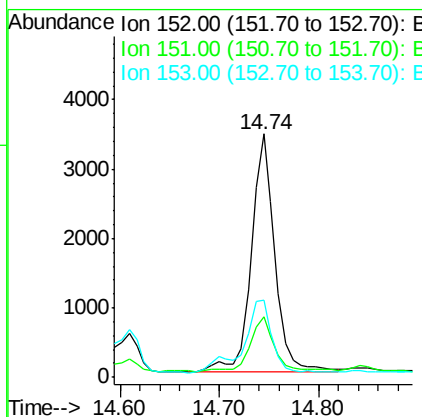
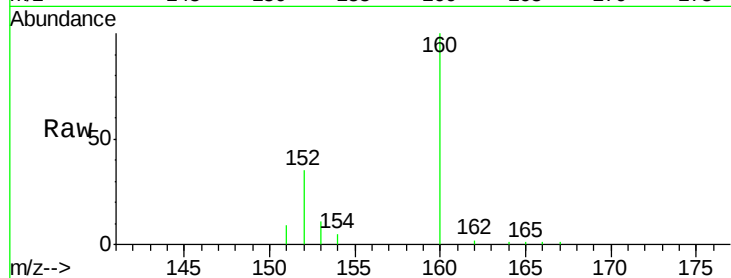
ClientSampleId :

F6B43

Tot Ion:	152	Resp:	5766
Ion Ratio	Lower	Upper	
152	100		
151	24.8	17.1	25.7
153	31.6	12.8	19.2#

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#8

Acenaphthene

Concen: 13.788 ng/ul

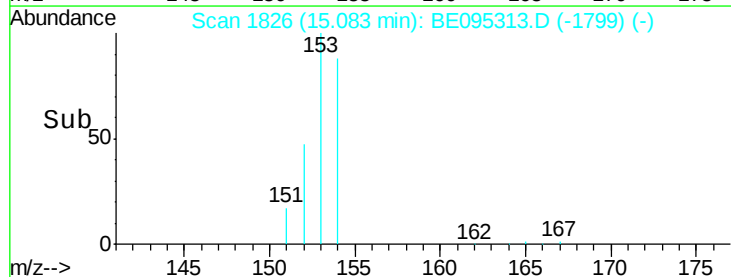
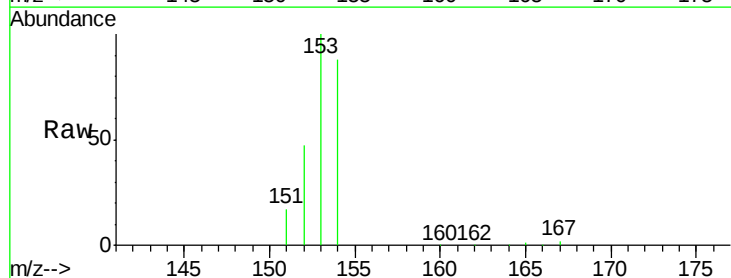
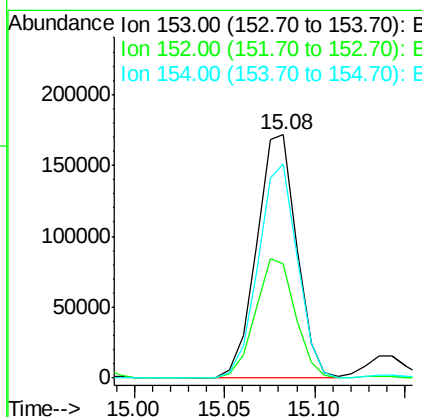
RT: 15.08 min Scan# 1826

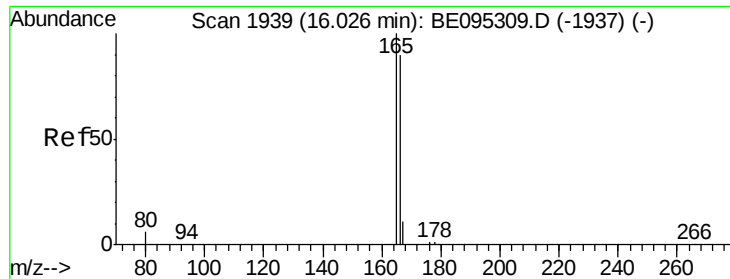
Delta R.T. 0.01 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

Tgt Ion:	153	Resp:	265299
Ion Ratio	Lower	Upper	
153	100		
152	47.2	36.0	54.0
154	87.9	72.0	108.0





#9

Fluorene

Concen: 10.288 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

Instrument :

BNA_E

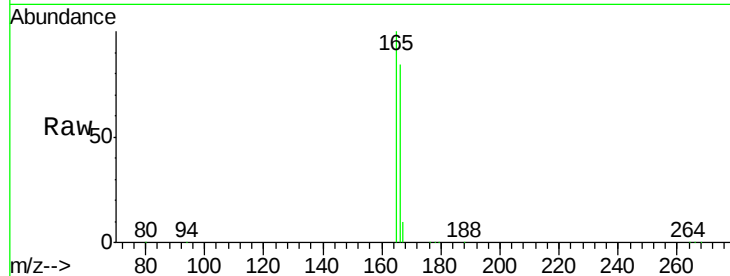
ClientSampleId :

F6B43

Tot Ion	Ratio	Lower	Upper
166	100		
165	119.0	73.4	110.2#
167	12.2	14.6	22.0#

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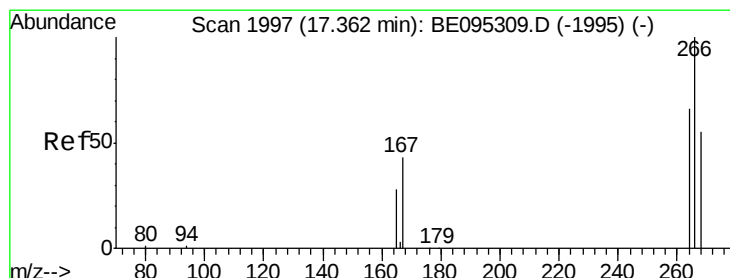
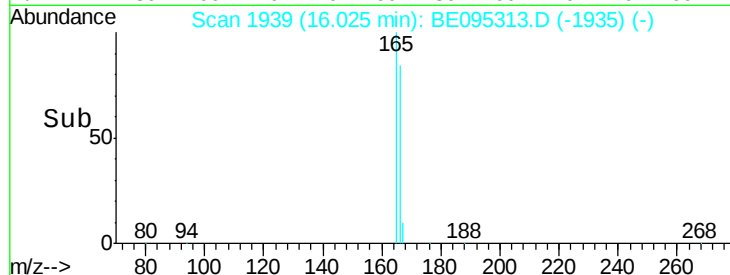
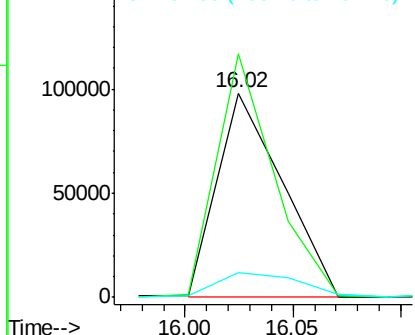


Abundance

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: 42.839 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

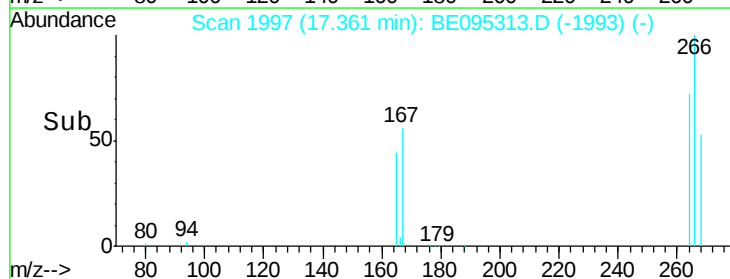
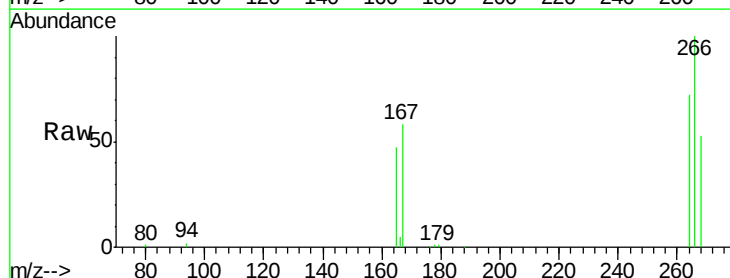
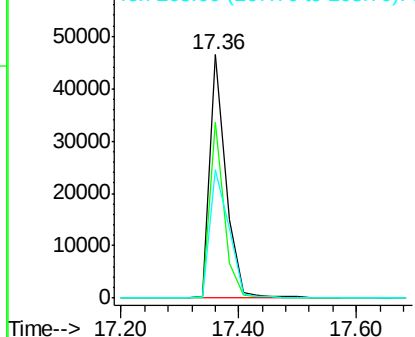
Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.3	47.9	71.9
268	61.6	49.8	74.8

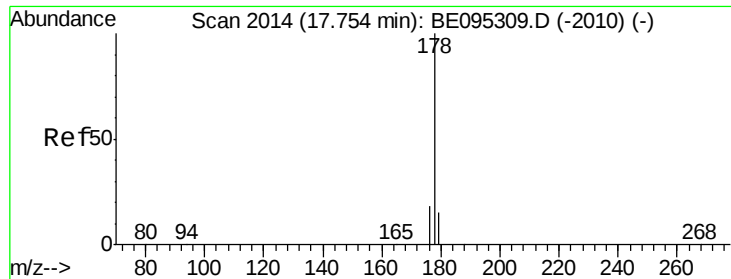
Abundance

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





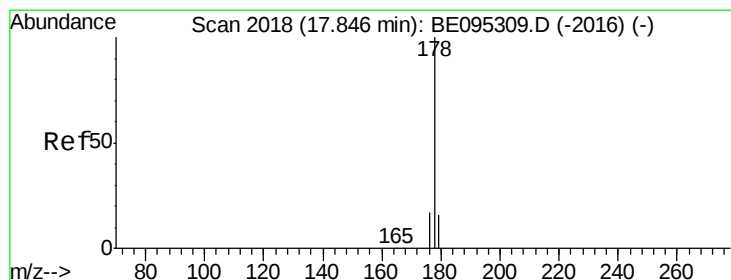
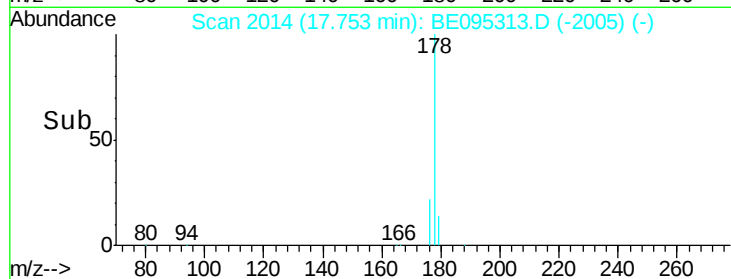
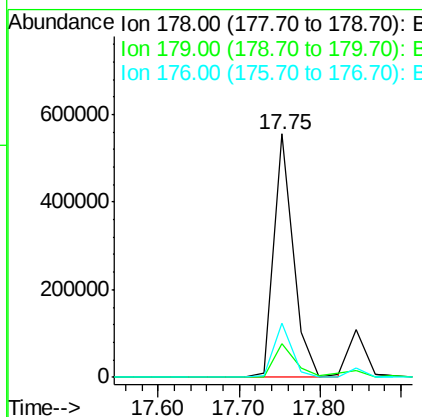
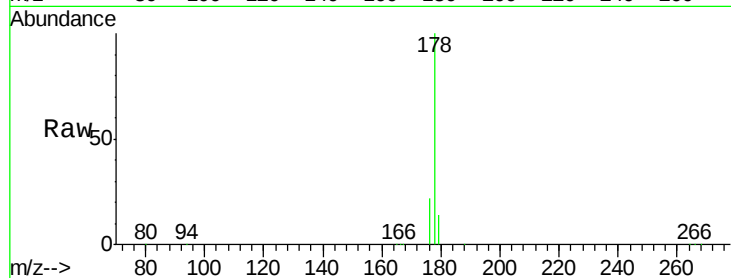
#12
Phenanthrene
Concen: 26.092 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Instrument :
BNA_E
ClientSampled :
F6B43

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.0	18.4	27.6#
176	22.2	13.6	20.4#

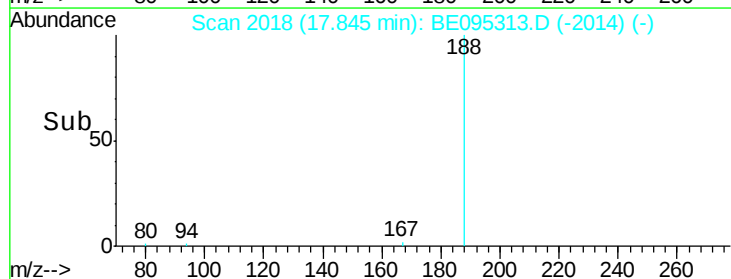
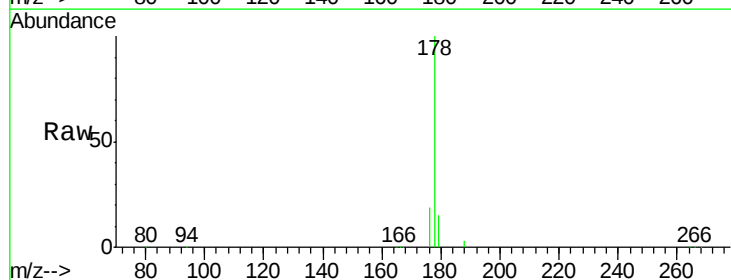
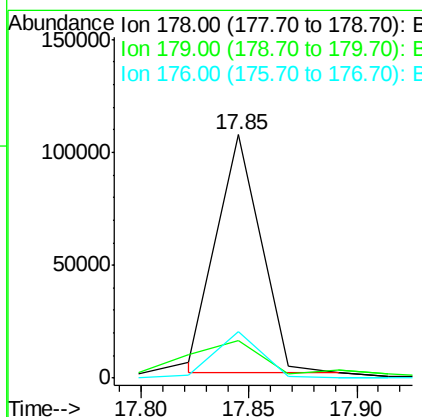
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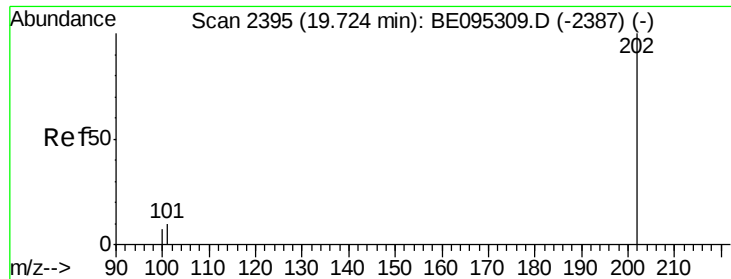
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#13
Anthracene
Concen: 4.534 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	18.9	14.7	22.1





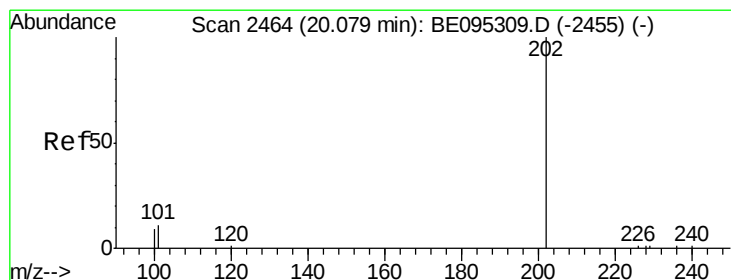
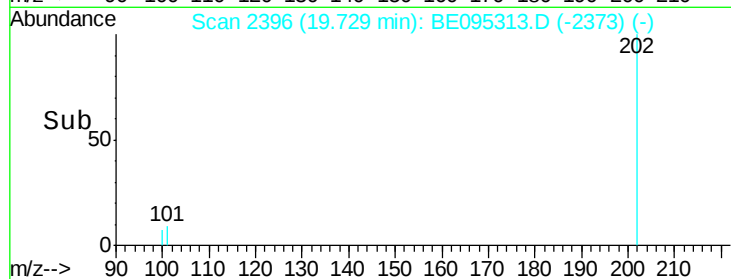
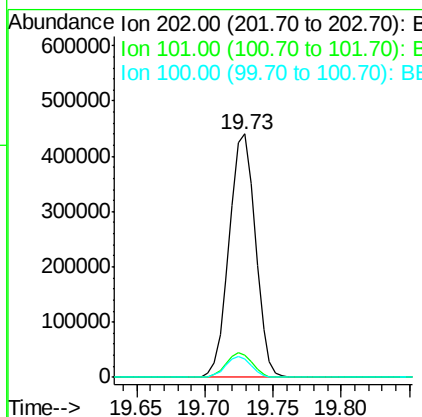
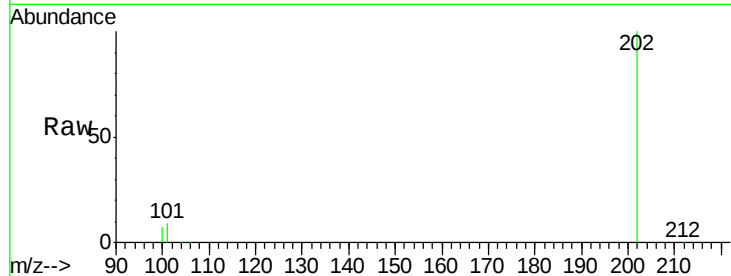
#15
Fluoranthene
 Concen: 12.556 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. 0.01 min
 Lab File: BE095313.D
 Acq: 31 Jan 2018 12:35

Instrument :
 BNA_E
 ClientSampleId :
 F6B43

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	0.0	30.3
100	7.4	0.0	39.5

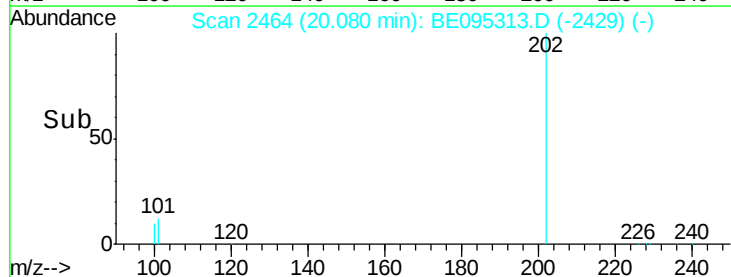
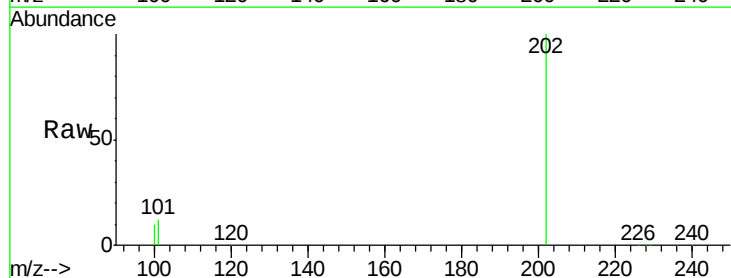
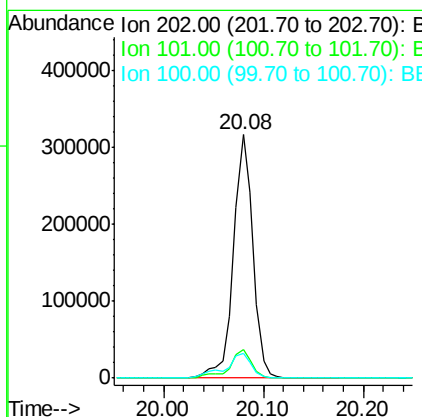
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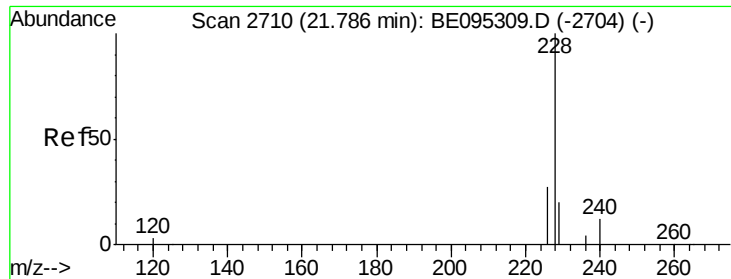
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#17
Pyrene
 Concen: 11.576 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BE095313.D
 Acq: 31 Jan 2018 12:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	18.2	27.4#
100	10.4	15.6	23.4#





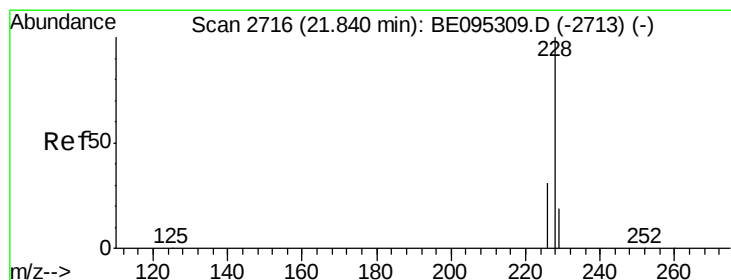
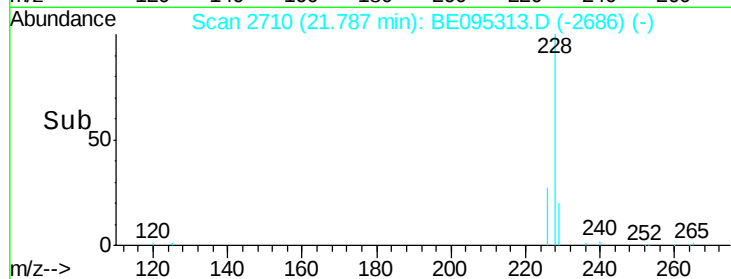
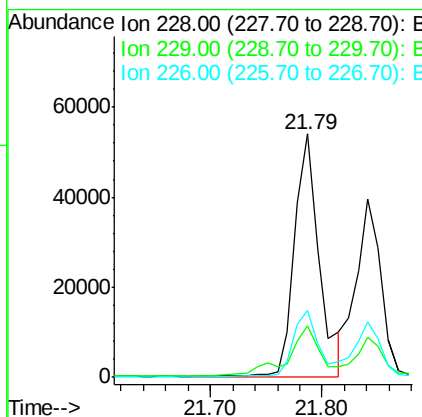
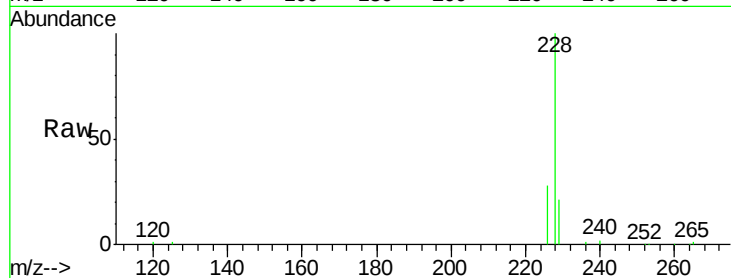
#18
Benzo(a)anthracene
Concen: 2.727 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Instrument :
BNA_E
ClientSampleId :
F6B43

Tot Ion:228 Resp: 93170
Ion Ratio Lower Upper
228 100
229 21.0 22.8 34.2#
226 27.6 17.0 25.6#

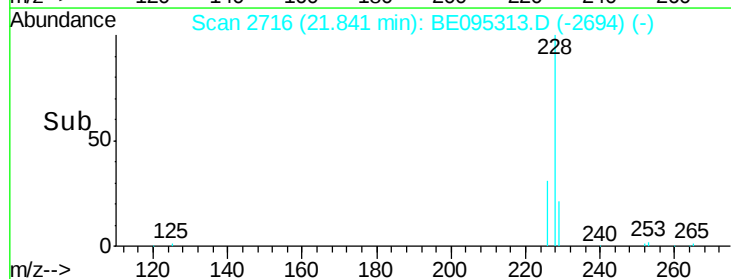
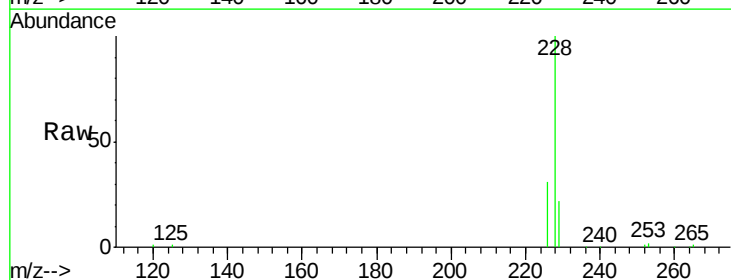
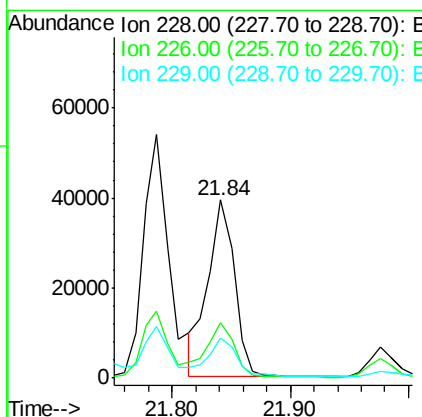
Manual Integrations
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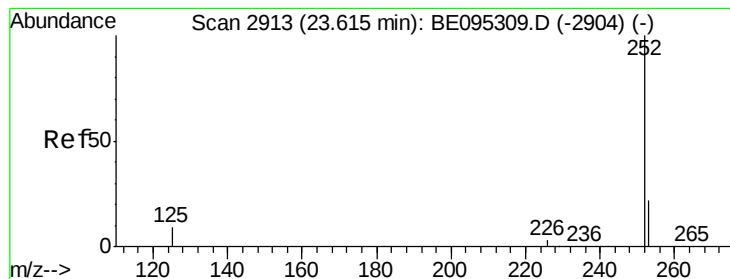
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#19
Chrysene
Concen: 1.753 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Tgt Ion:228 Resp: 62206
Ion Ratio Lower Upper
228 100
226 31.2 23.4 35.0
229 22.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.075 ng/ul m

RT: 23.63 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

Instrument :

BNA_E

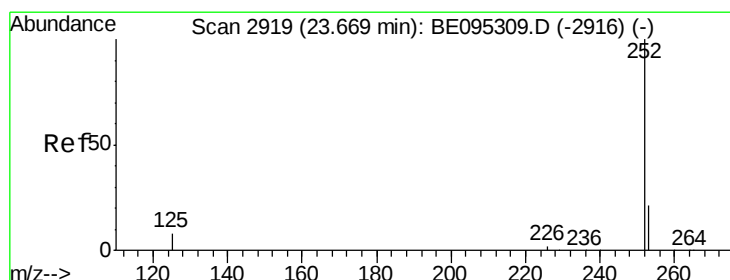
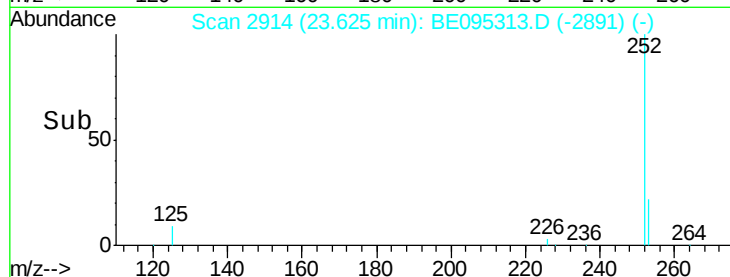
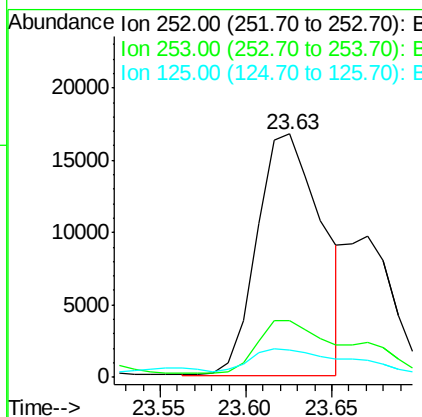
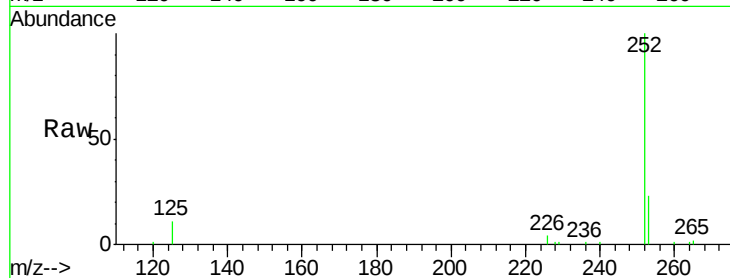
ClientSampleId :

F6B43

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	11.4	0.0	35.0

Manual Integrations
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#22

Benzo(k)fluoranthene

Concen: 0.482 ng/ul m

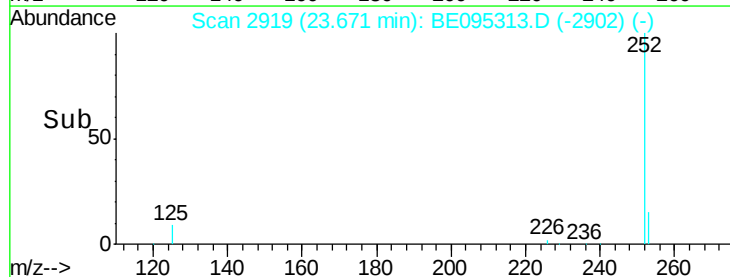
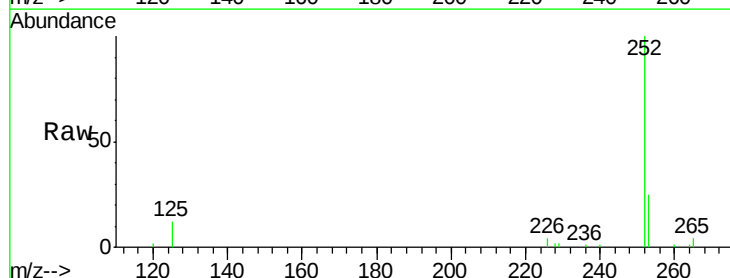
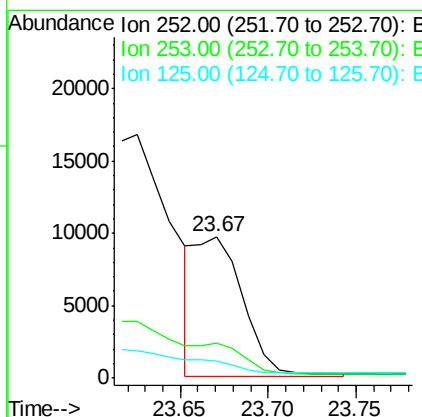
RT: 23.67 min Scan# 2919

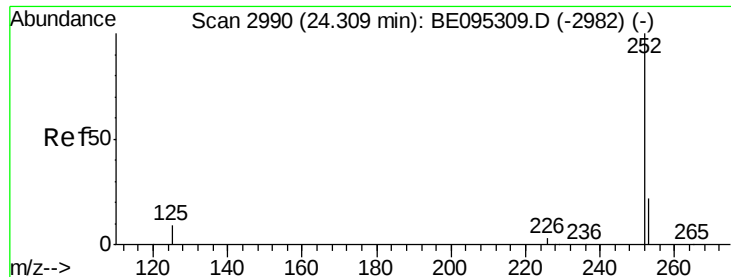
Delta R.T. 0.00 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	24.5	36.7
125	12.2	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.697 ng/ul

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

Instrument :

BNA_E

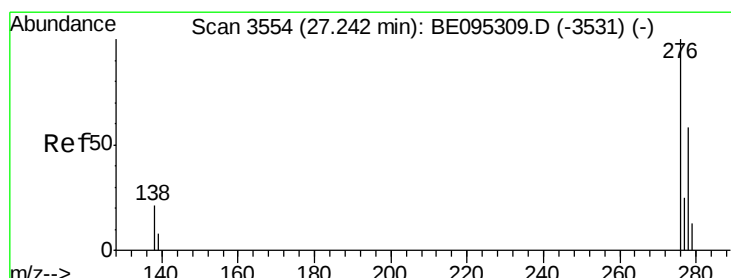
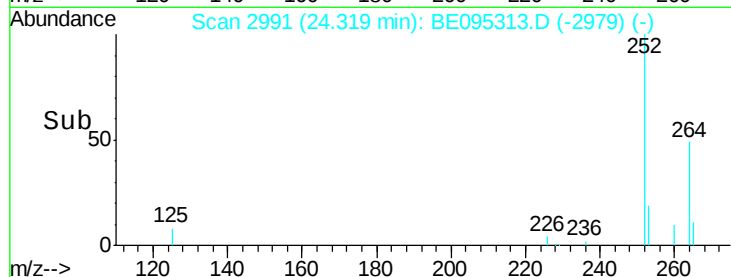
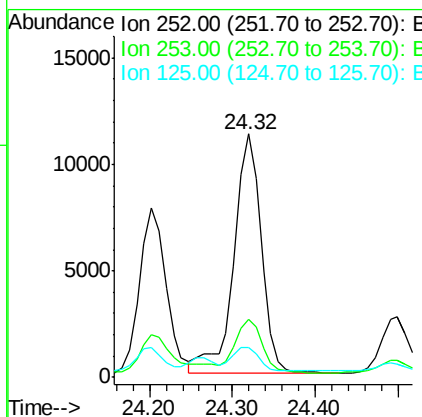
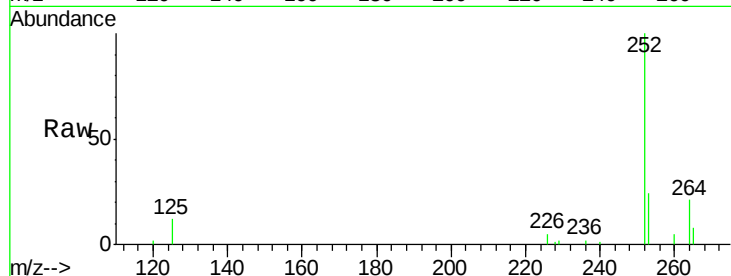
ClientSampleId :

F6B43

Tot Ion:	252	Resp:	25648
Ion Ratio	Lower	Upper	
252	100		
253	23.9	28.5	42.7#
125	12.4	18.1	27.1#

Manual Integrations
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Sohil
1/31/2018 8:29:05 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.209 ng/ul

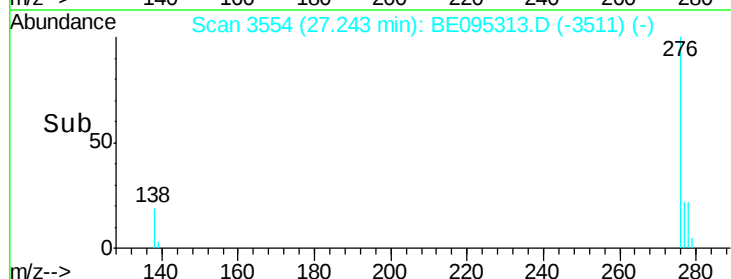
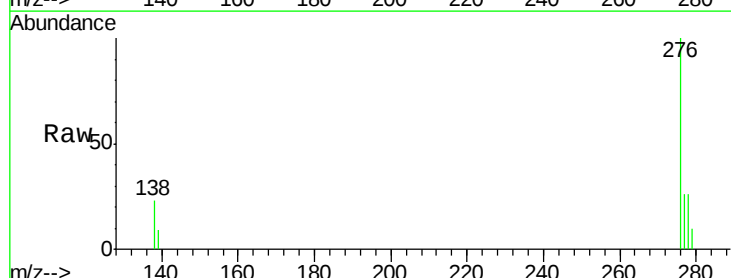
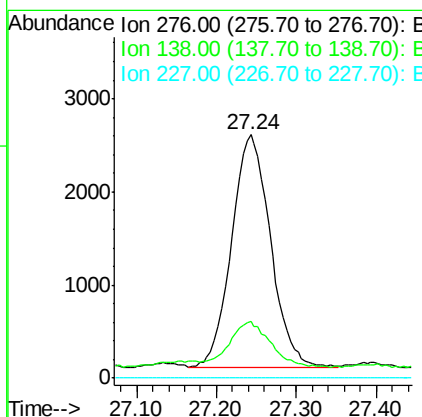
RT: 27.24 min Scan# 3554

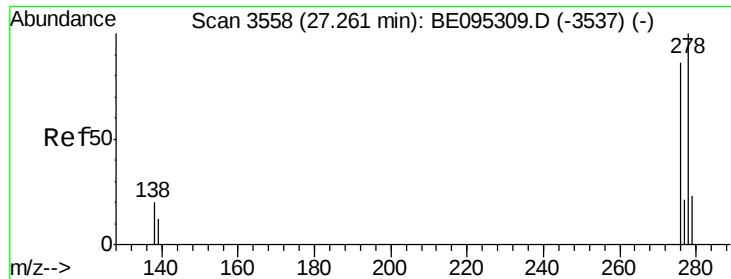
Delta R.T. -0.00 min

Lab File: BE095313.D

Acq: 31 Jan 2018 12:35

Tgt Ion:	276	Resp:	8419
Ion Ratio	Lower	Upper	
276	100		
138	21.0	28.0	42.0#
227	0.0	8.0	12.0#





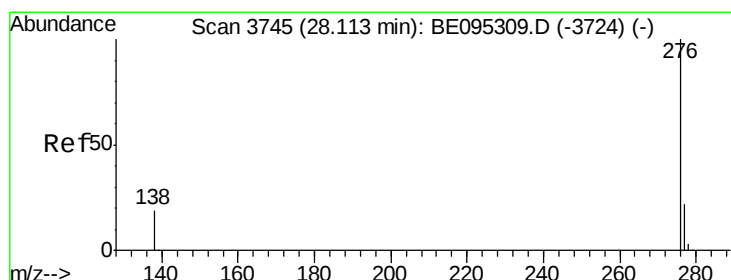
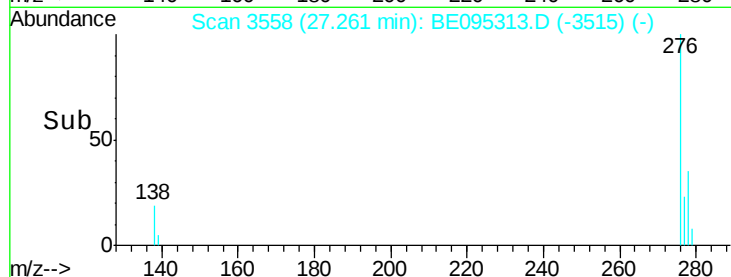
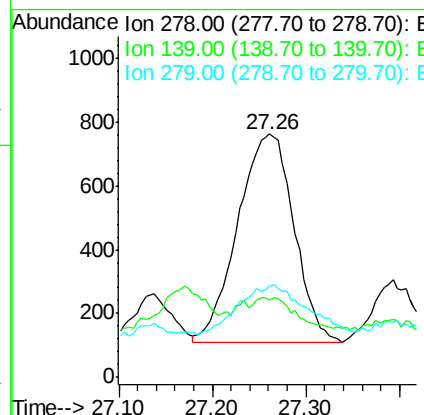
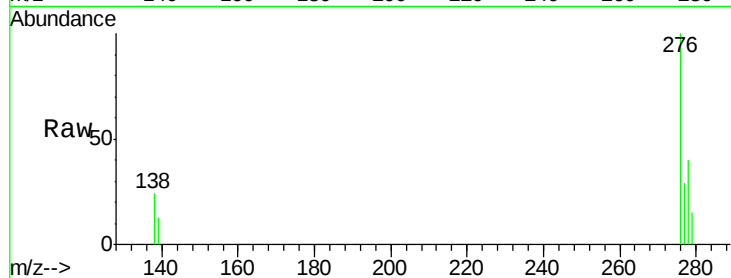
#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 27.26 min Scan# 3558
Delta R.T. -0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Instrument :
BNA_E
ClientSampled :
F6B43

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.7	17.4	26.0#
279	37.6	25.9	38.9

Manual Integrations
APPROVED

Sohil
1/31/2018 8:29:05 PM



#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BE095313.D
Acq: 31 Jan 2018 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.8	32.8
277	26.8	20.5	30.7

