

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071818\
 Data File : BE096995.D
 Acq On : 18 Jul 2018 16:02
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Manual Integrations
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Quant Time: Jul 18 16:51:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 15:28:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1636	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	9030	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	6260	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	15463m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	17560m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	14339m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	4905	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	15920m	0.34	ng/ul	0.00
Target Compounds					Qvalue	
8) Acenaphthene	14.08	153	3057	0.144	ng/ul	95
9) Fluorene	15.08	166	7580	0.337	ng/ul	93
11) Pentachlorophenol	16.44	266	541m	0.310	ng/ul	
12) Phenanthrene	16.82	178	24720m	0.609	ng/ul	
13) Anthracene	16.91	178	10026m	0.283	ng/ul	
15) Fluoranthene	18.84	202	39040m	0.729	ng/ul	
17) Pyrene	19.21	202	27266	0.537	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	2606m	0.056	ng/ul	
19) Chrysene	21.01	228	7647	0.145	ng/ul#	92
21) Benzo(b)fluoranthene	22.54	252	5610m	0.138	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1678m	0.040	ng/ul	
23) Benzo(a)pyrene	23.12	252	1705	0.048	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.50	276	2051	0.051	ng/ul#	81
26) Benzo(g,h,i)perylene	26.20	276	2189	0.061	ng/ul#	92

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

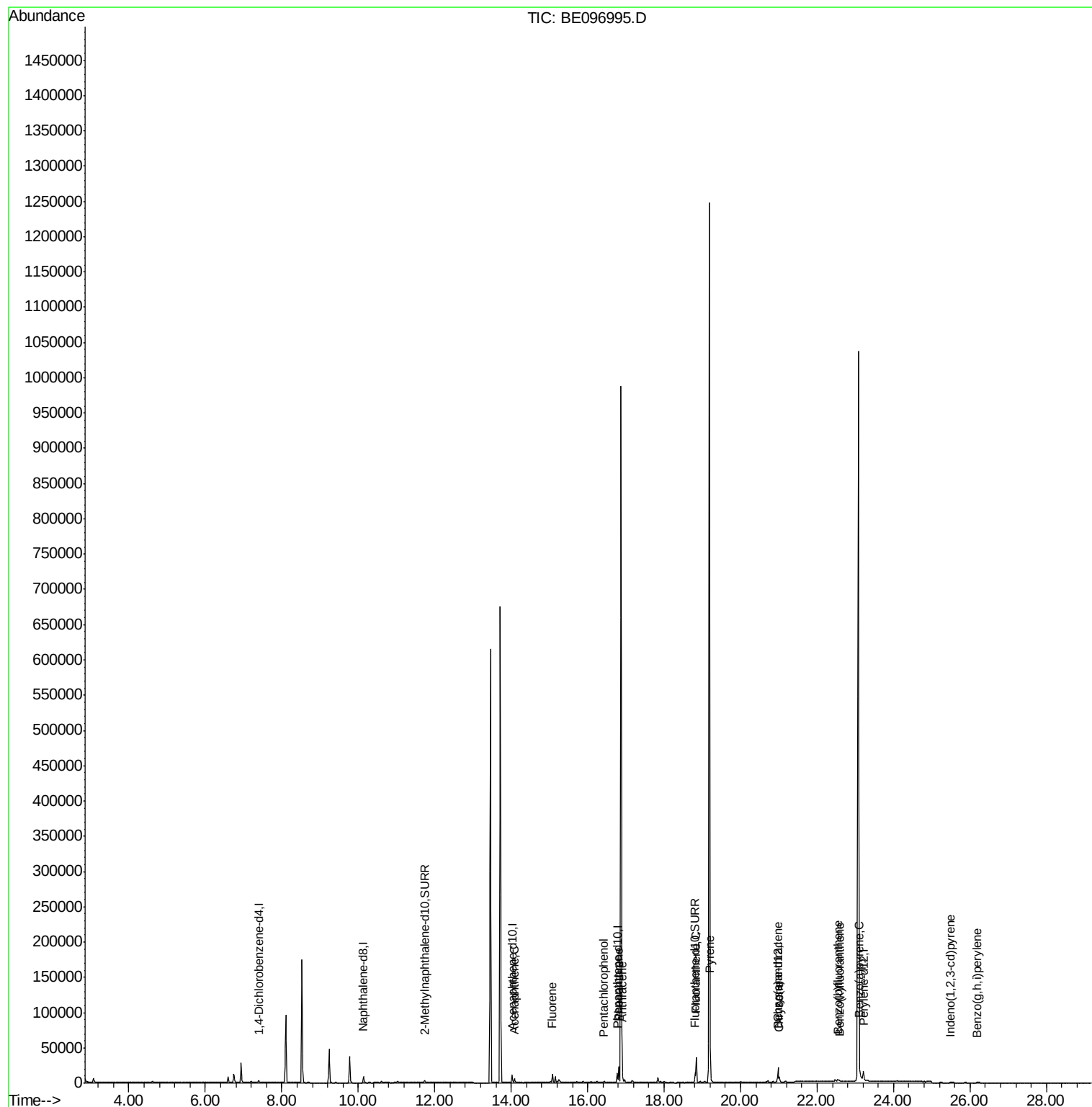
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071818\
Data File : BE096995.D
Acq On : 18 Jul 2018 16:02
Operator : SJ/JU
Sample : J3967-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

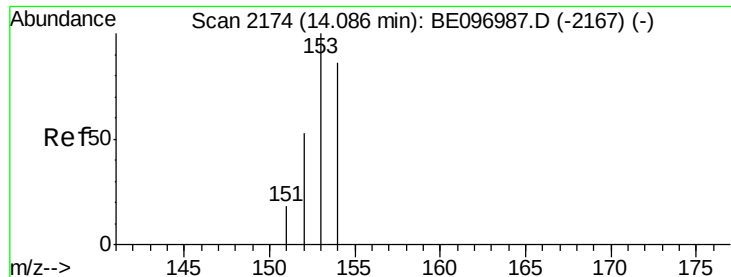
Instrument :
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Quant Time: Jul 18 16:51:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE071718.M
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QLast Update : Wed Jul 18 15:28:33 2018
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.144 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE096995.D

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BNA_E

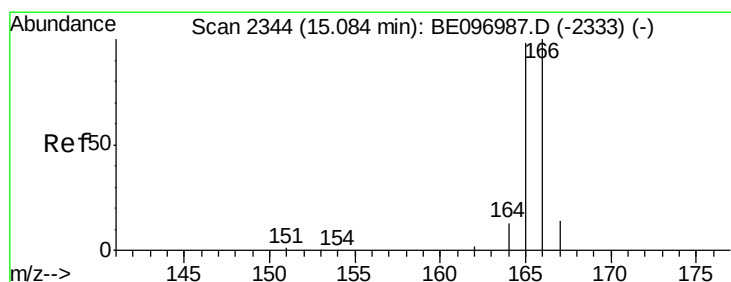
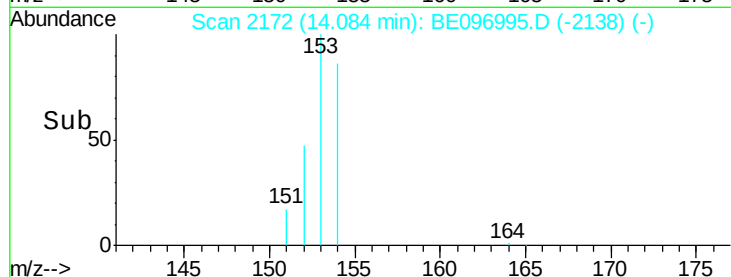
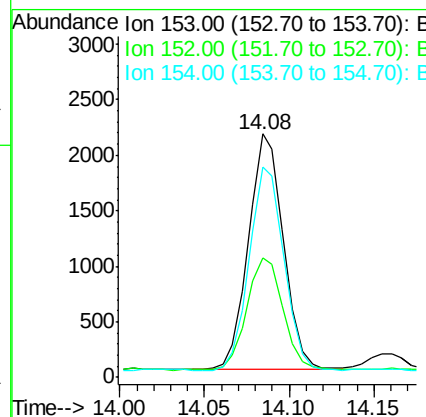
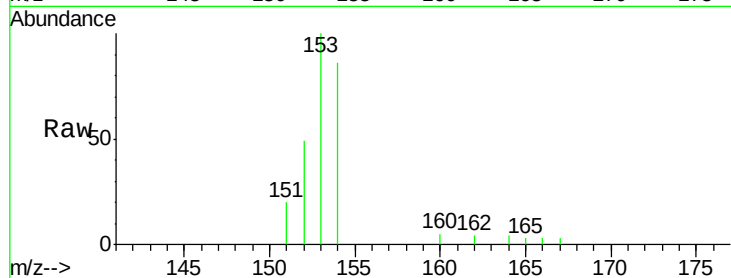
ClientSampleId :

DB1F9

Tgt Ion:	153	Resp:	3057
Ion Ratio	Lower	Upper	
153	100		
152	48.9	36.0	54.0
154	86.1	72.0	108.0

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#9

Fluorene

Concen: 0.337 ng/ul

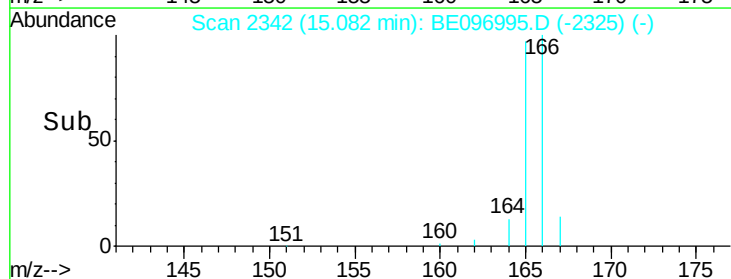
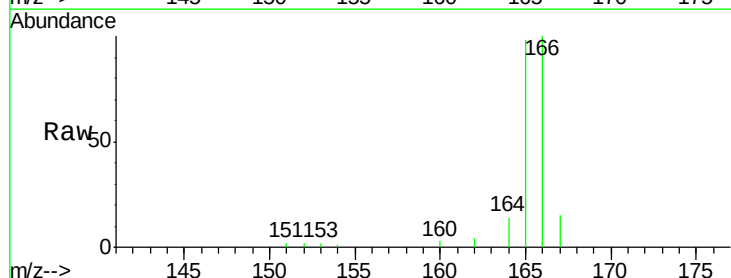
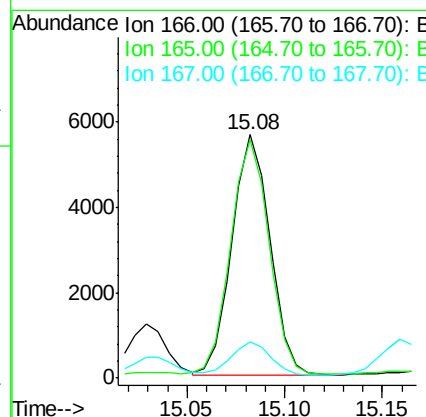
RT: 15.08 min Scan# 2342

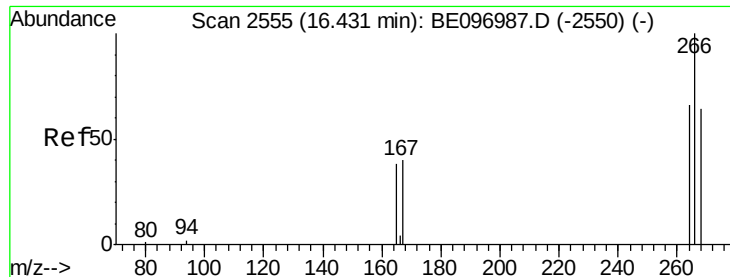
Delta R.T. -0.00 min

Lab File: BE096995.D

Acq: 18 Jul 2018 16:02

Tgt Ion:	166	Resp:	7580
Ion Ratio	Lower	Upper	
166	100		
165	98.0	73.4	110.2
167	15.1	14.6	22.0





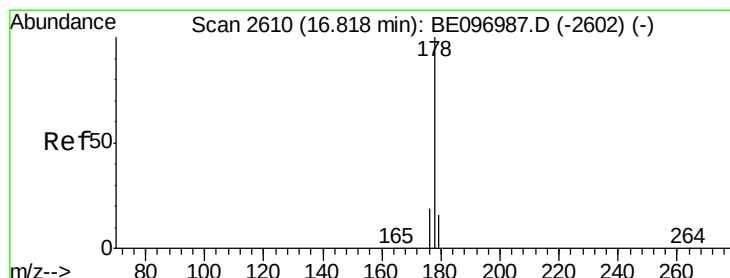
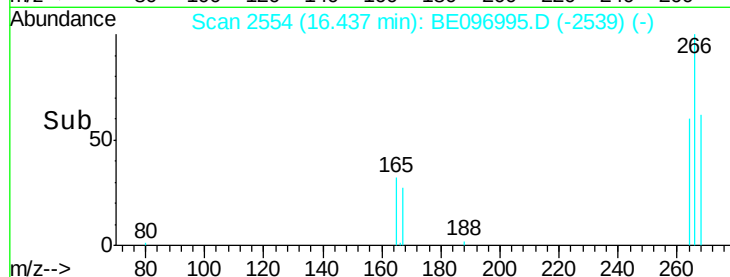
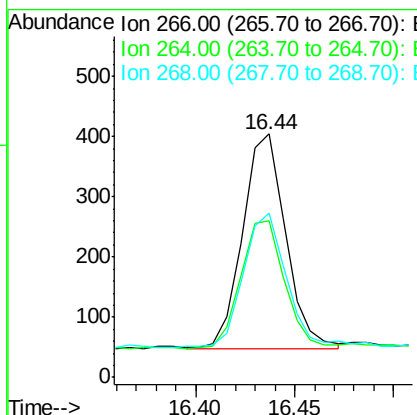
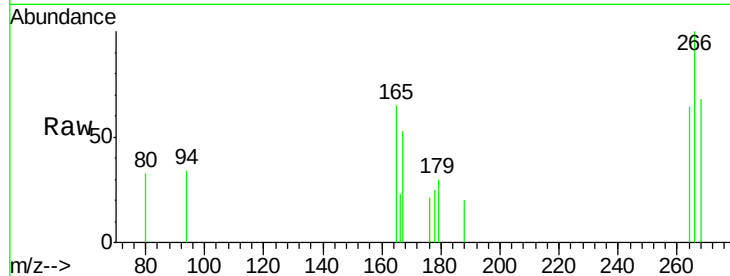
#11
 Pentachlorophenol
 Concen: 0.310 ng/ul m
 RT: 16.44 min Scan# 2554
 Delta R.T. 0.01 min
 Lab File: BE096995.D
 Acq: 18 Jul 2018 16:02

Instrument :
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 ClientSampleId :
 DB1F9

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#

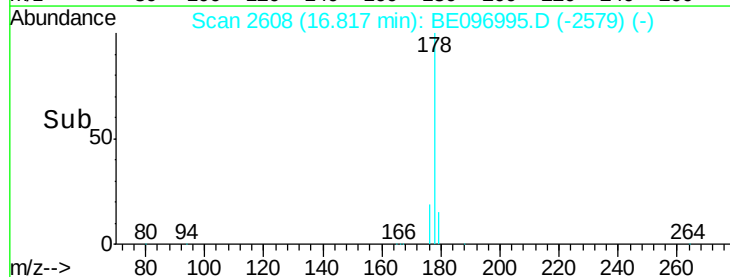
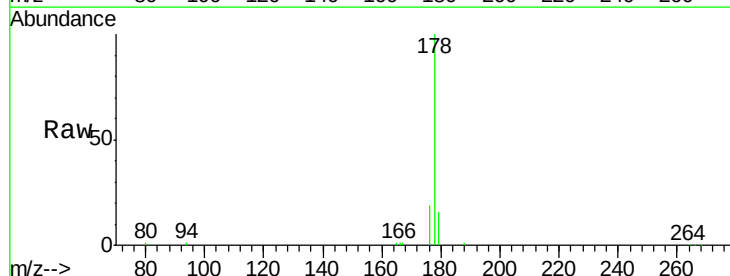
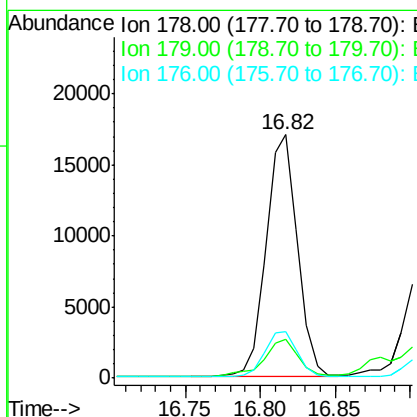
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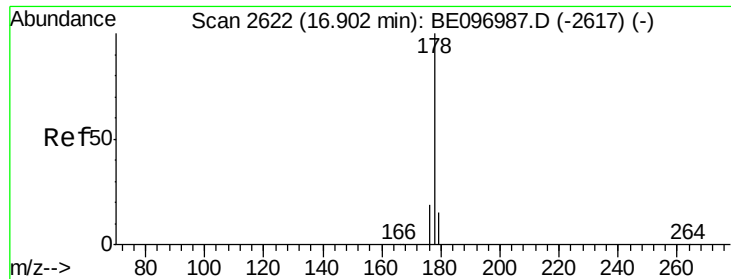
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#12
 Phenanthrene
 Concen: 0.609 ng/ul m
 RT: 16.82 min Scan# 2608
 Delta R.T. 0.01 min
 Lab File: BE096995.D
 Acq: 18 Jul 2018 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	19.3	13.6	20.4





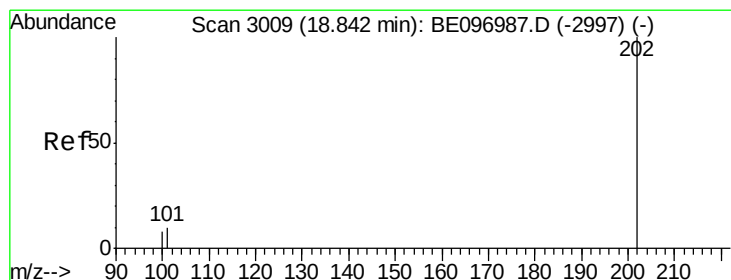
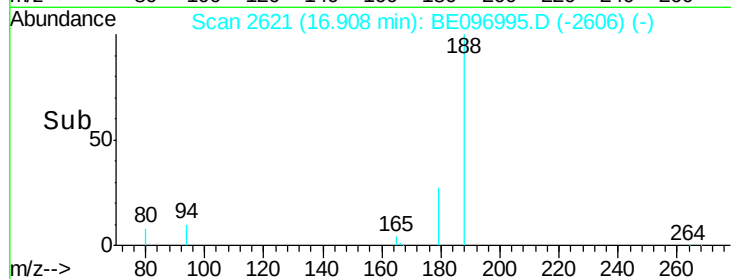
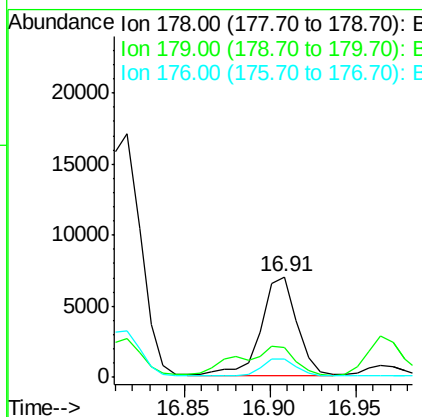
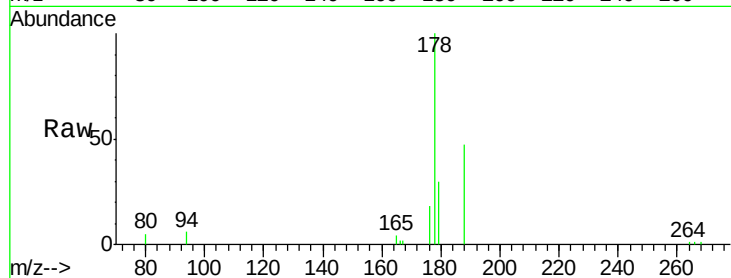
#13
 Anthracene
 Concen: 0.283 ng/ul m
 RT: 16.91 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BE096995.D
 Acq: 18 Jul 2018 16:02

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Tgt Ion:178 Resp: 10026
 Ion Ratio Lower Upper
 178 100
 179 29.7 18.1 27.1#
 176 18.4 14.7 22.1

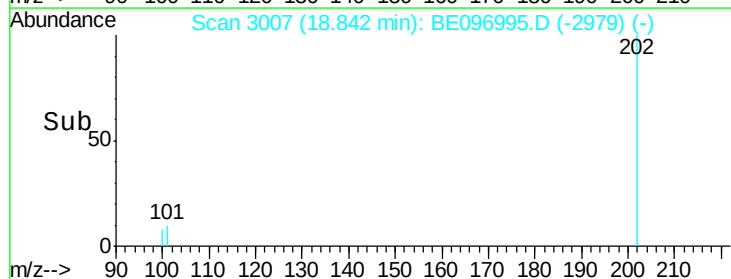
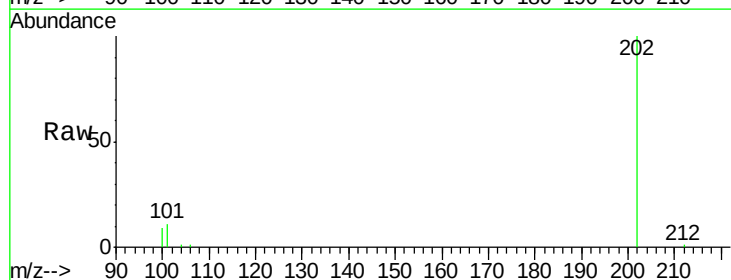
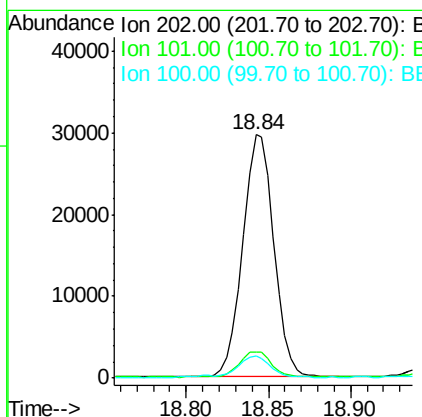
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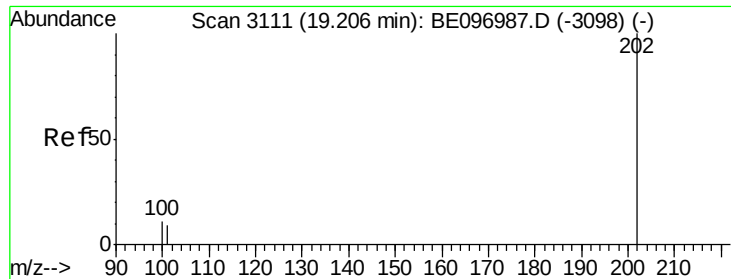
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#15
 Fluoranthene
 Concen: 0.729 ng/ul m
 RT: 18.84 min Scan# 3007
 Delta R.T. -0.00 min
 Lab File: BE096995.D
 Acq: 18 Jul 2018 16:02

Tgt Ion:202 Resp: 39040
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 100 8.9 0.0 39.5





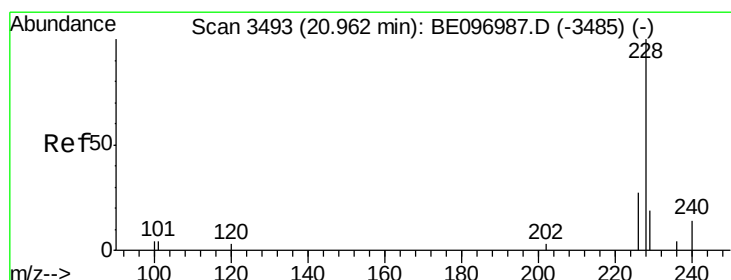
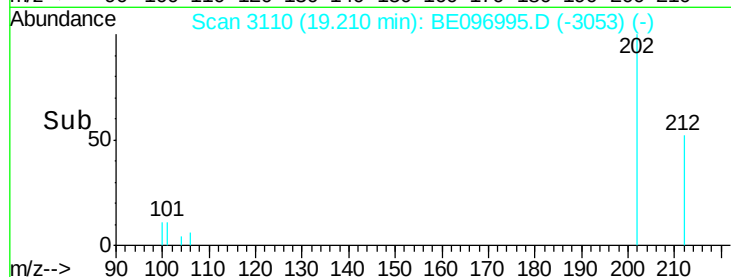
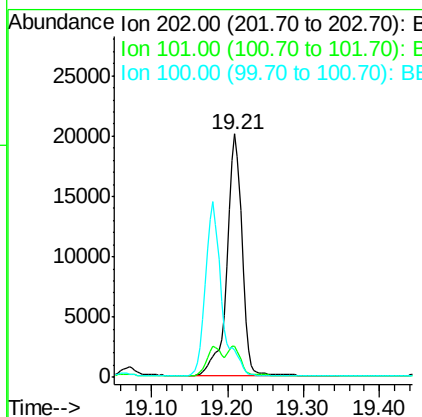
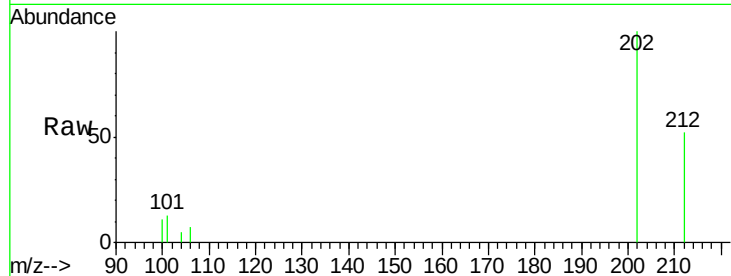
#17
Pyrene
Concen: 0.537 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096995.D
Acq: 18 Jul 2018 16:02

Instrument :
BNA_E
ClientSampleId :
DB1F9

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	27266		
101	12.6	18.2	27.4#	
100	11.4	15.6	23.4#	

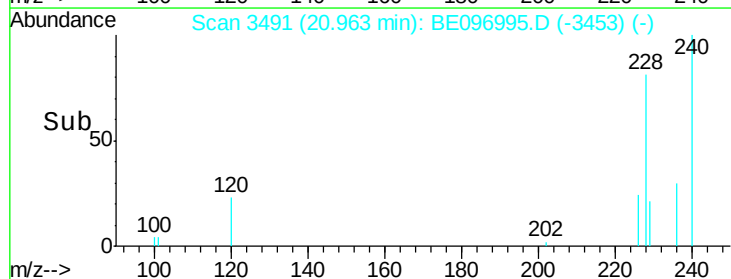
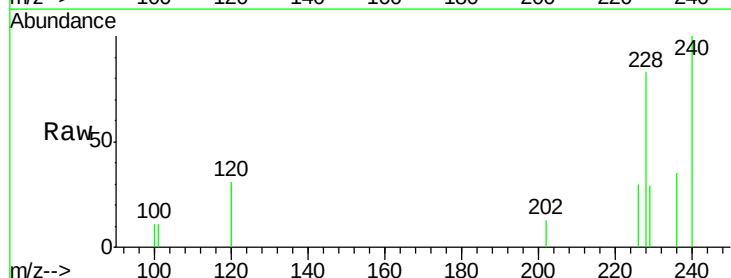
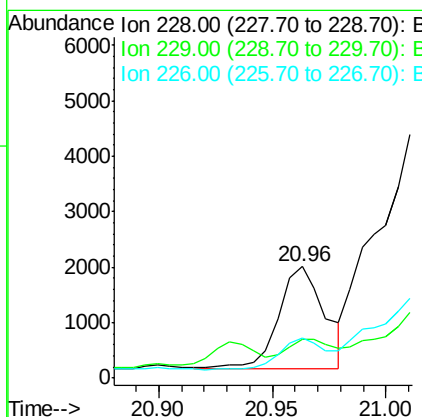
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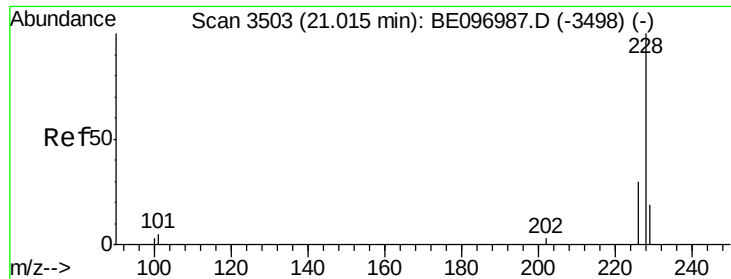
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#18
Benzo(a)anthracene
Concen: 0.056 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE096995.D
Acq: 18 Jul 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2606		
229	34.7	22.8	34.2#	
226	35.7	17.0	25.6#	





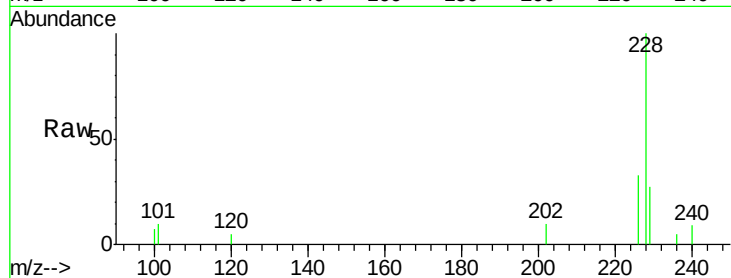
#19
Chrysene
Concen: 0.145 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE096995.D
Acq: 18 Jul 2018 16:02

Instrument :
BNA_E
ClientSampleId :
DB1F9

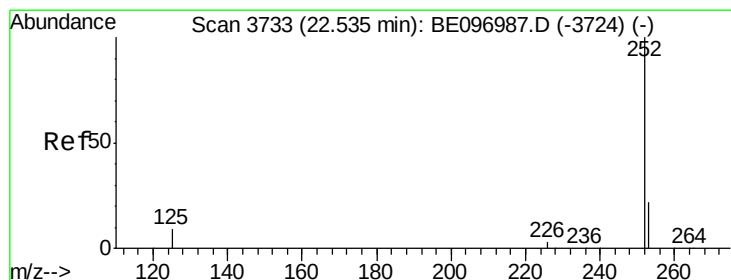
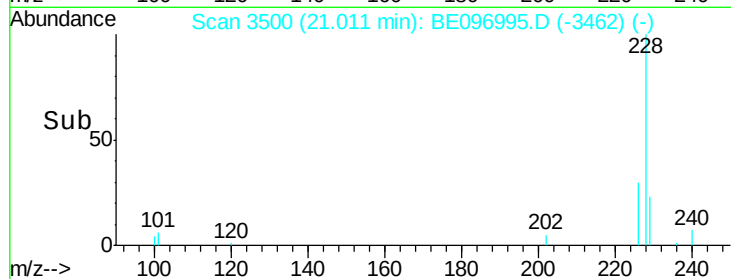
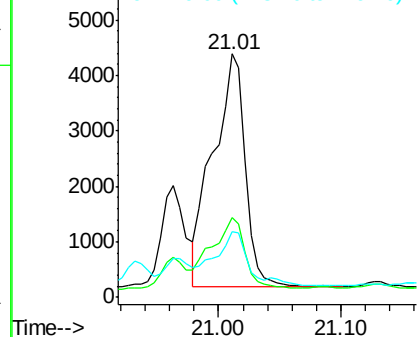
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.0
229	26.8	17.7	26.5

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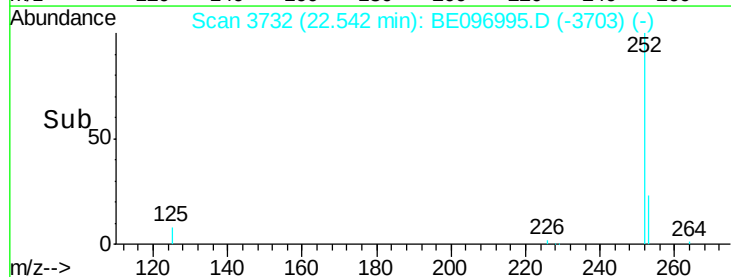
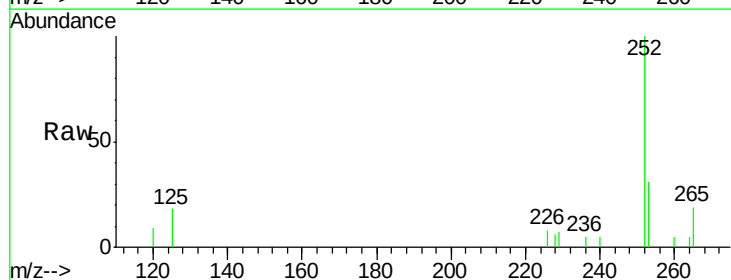
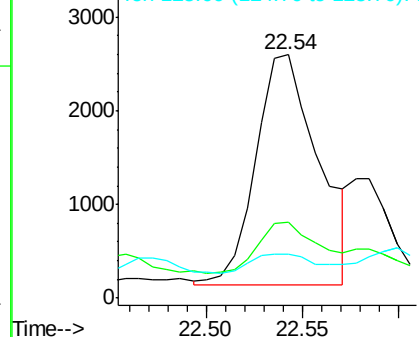
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

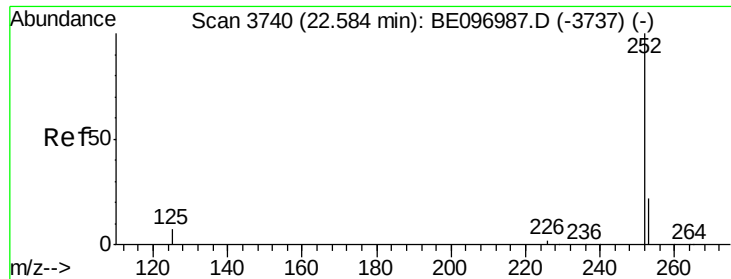


#21
Benzo(b)fluoranthene
Concen: 0.138 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE096995.D
Acq: 18 Jul 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	64.2
125	18.0	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: 0.040 ng/ul m

RT: 22.58 min Scan# 3737

Delta R.T. -0.01 min

Lab File: BE096995.D

Acq: 18 Jul 2018 16:02

Instrument :

BNA_E

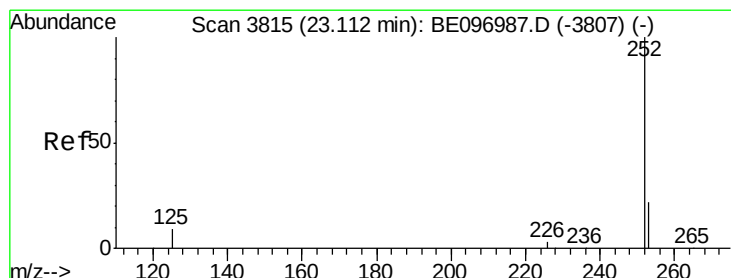
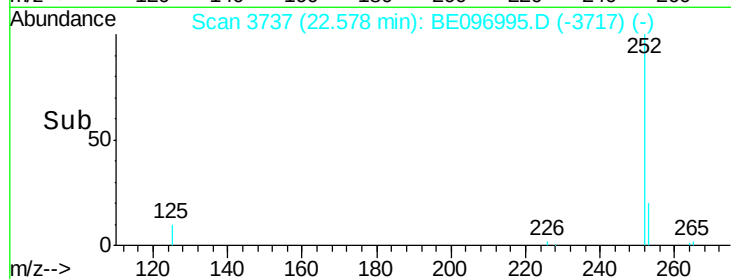
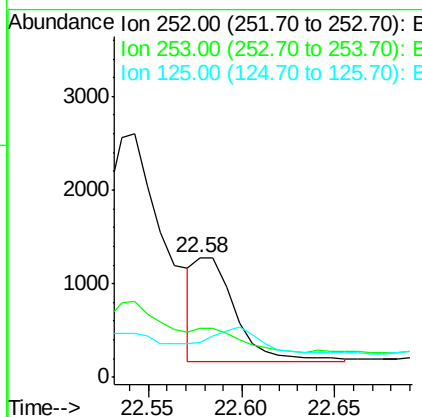
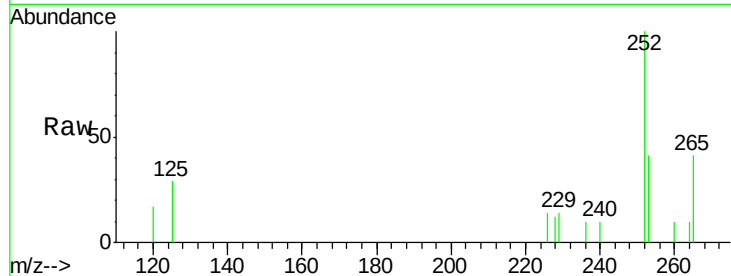
ClientSampleId :

DB1F9

Tgt Ion:	252	Resp:	1678
Ion Ratio	Lower	Upper	
252	100		
253	40.8	24.5	36.7#
125	29.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.048 ng/ul

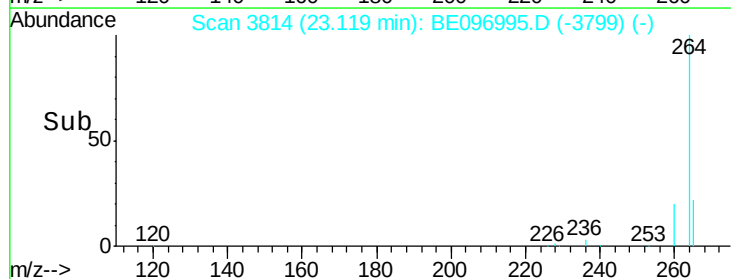
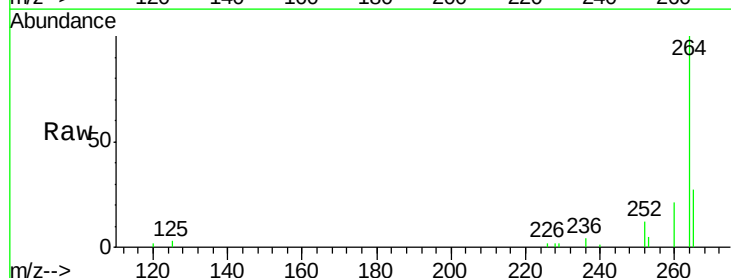
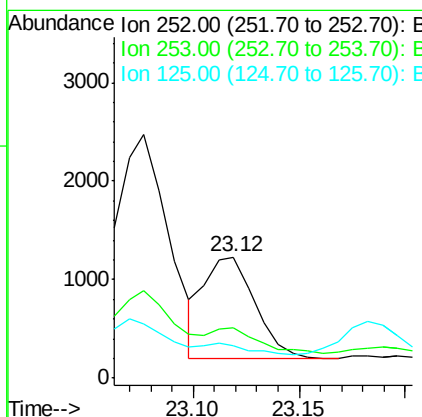
RT: 23.12 min Scan# 3814

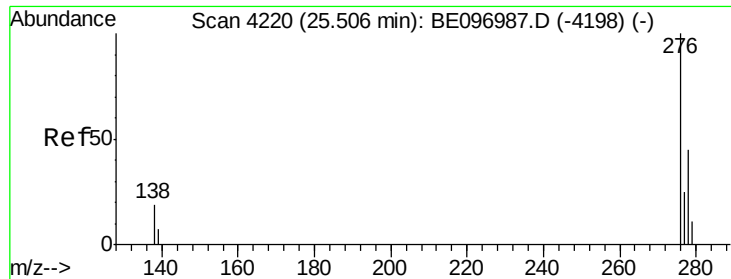
Delta R.T. 0.01 min

Lab File: BE096995.D

Acq: 18 Jul 2018 16:02

Tgt Ion:	252	Resp:	1705
Ion Ratio	Lower	Upper	
252	100		
253	41.2	28.5	42.7
125	26.6	18.1	27.1





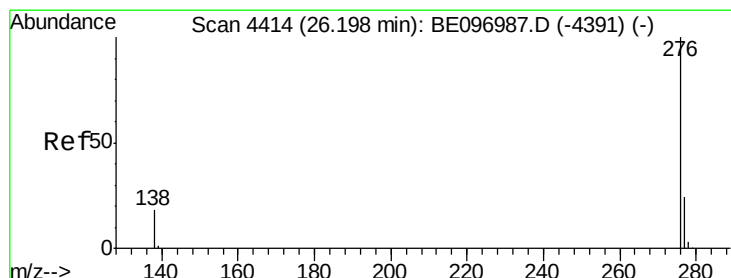
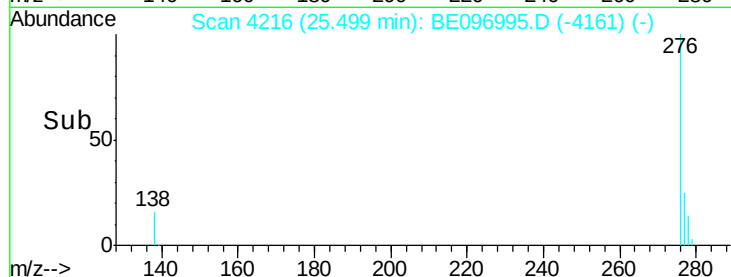
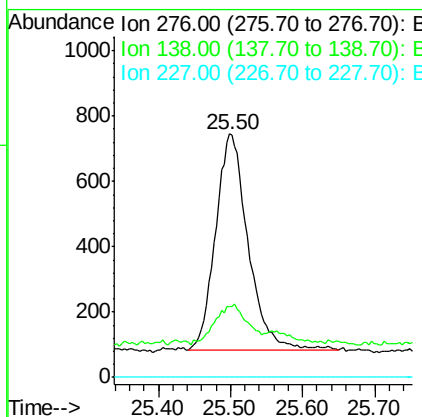
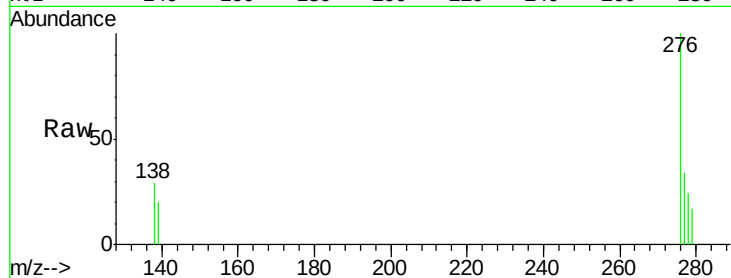
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.051 ng/ul
 RT: 25.50 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BE096995.D
 Acq: 18 Jul 2018 16:02

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.061 ng/ul
 RT: 26.20 min Scan# 4413
 Delta R.T. 0.00 min
 Lab File: BE096995.D
 Acq: 18 Jul 2018 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	32.1	20.5	30.7#

