

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095198.D
 Acq On : 28 Jan 2018 9:54
 Operator : SJ/JU
 Sample : J1174-12DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A47DL

Manual Integrations
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Quant Time: Jan 29 01:33:29 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 01:25:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3353	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10818	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13311	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	14445	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	14102	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	532	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1301	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	1032	0.034	ng/ul#	61
5) 2-Methylnaphthalene	12.89	142	9233	0.456	ng/ul	99
7) Acenaphthylene	14.74	152	6421	0.195	ng/ul#	78
8) Acenaphthene	15.08	153	13169	0.516	ng/ul	94
9) Fluorene	16.03	166	10468	0.397	ng/ul#	70
11) Pentachlorophenol	17.36	266	2700	1.047	ng/ul	97
12) Phenanthrene	17.75	178	30342	0.678	ng/ul#	89
13) Anthracene	17.85	178	11783	0.288	ng/ul#	92
15) Fluoranthene	19.73	202	70312	1.213	ng/ul	83
17) Pyrene	20.08	202	127486	2.630	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	27663	0.613	ng/ul#	89
19) Chrysene	21.82	228	33863	0.722	ng/ul#	87
21) Benzo(b)fluoranthene	23.62	252	60885m	1.224	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	13592m	0.299	ng/ul	
23) Benzo(a)pyrene	24.32	252	43817	0.986	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.25	276	28278	0.580	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.25	278	5431	0.136	ng/ul#	73
26) Benzo(g,h,i)perylene	28.12	276	28640	0.694	ng/ul	96

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

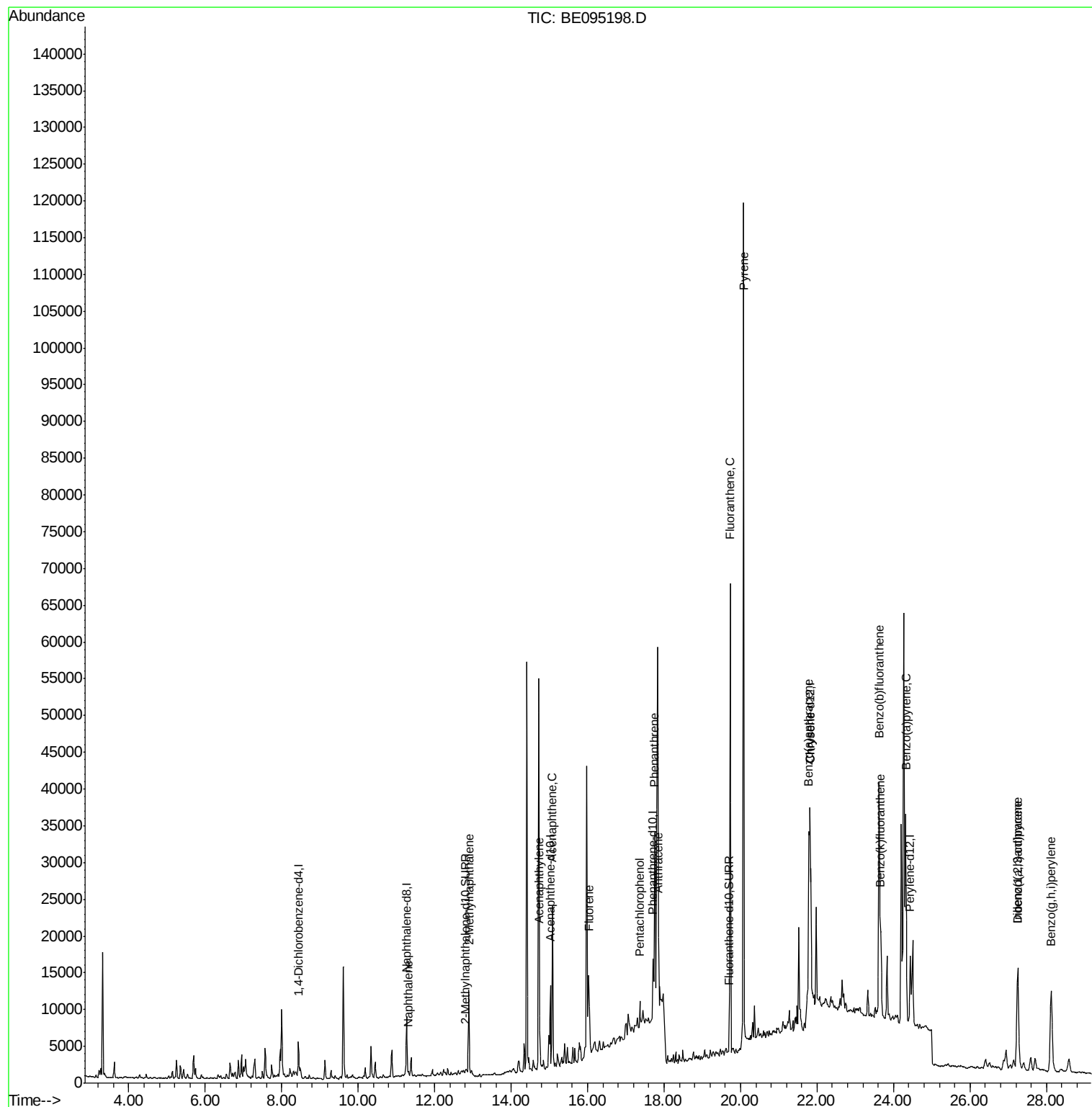
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ALS Vial : 37 Sample Multiplier: 1

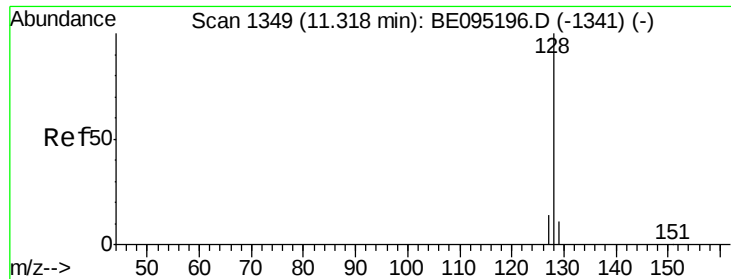
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

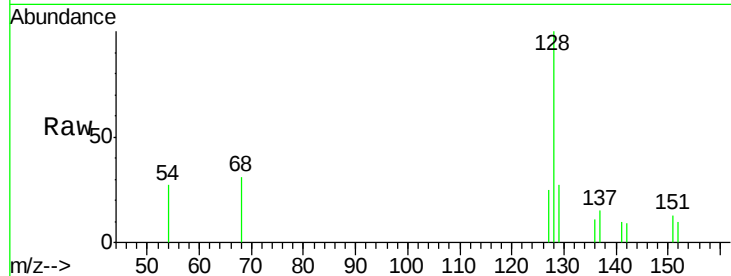
ClientSampleId :

F6A47DL

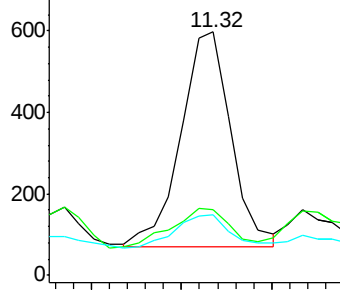
Tot Ion:	128	Resp:	1032
Ion Ratio	Lower	Upper	
128	100		
129	27.1	11.3	16.9#
127	24.7	4.0	6.0#

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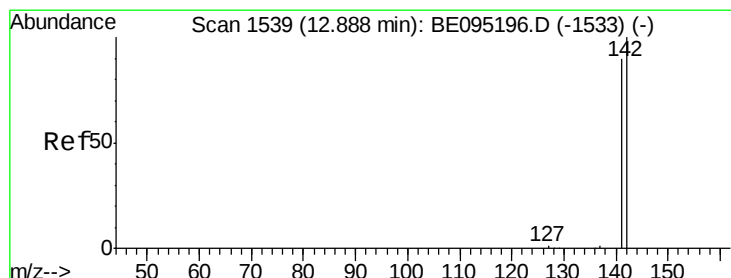
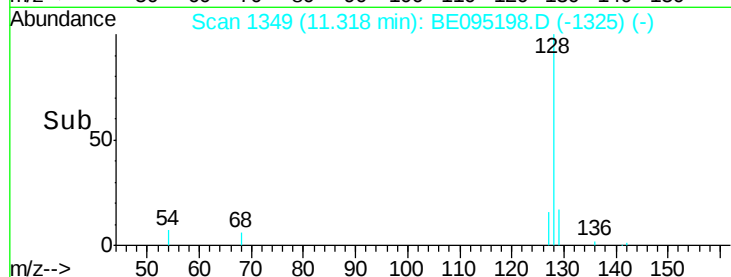
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.456 ng/ul

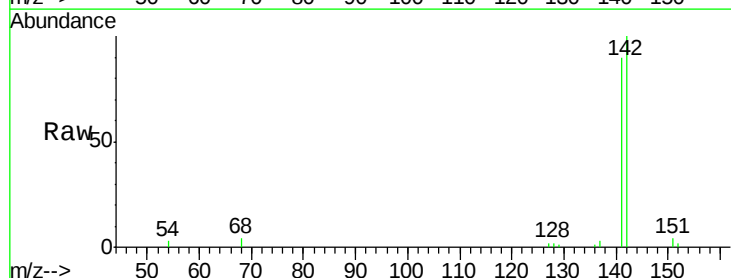
RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

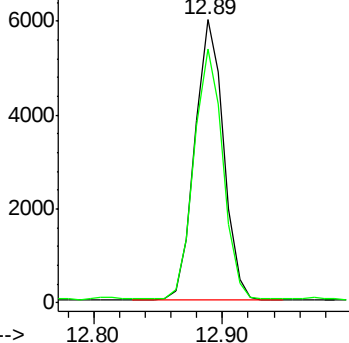
Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

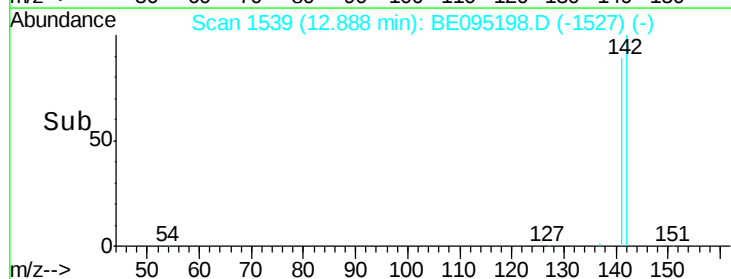
Tgt Ion:	142	Resp:	9233
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.6	108.8

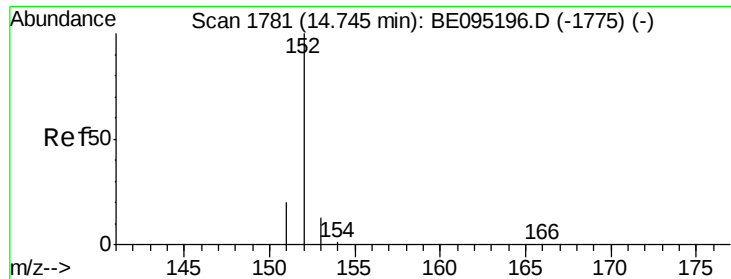


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.195 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Instrument :

BNA_E

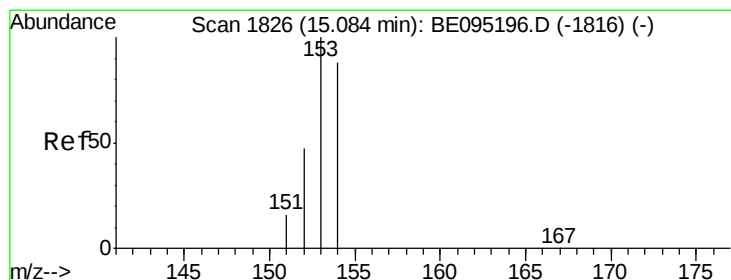
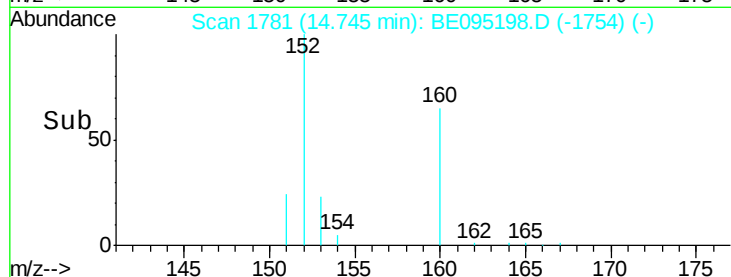
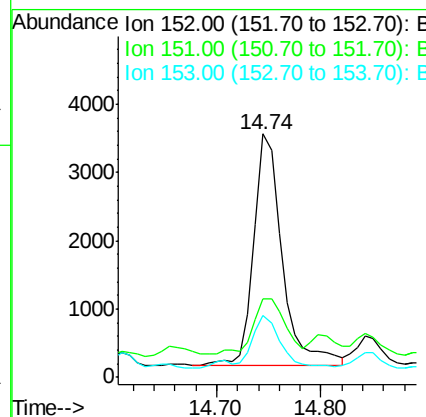
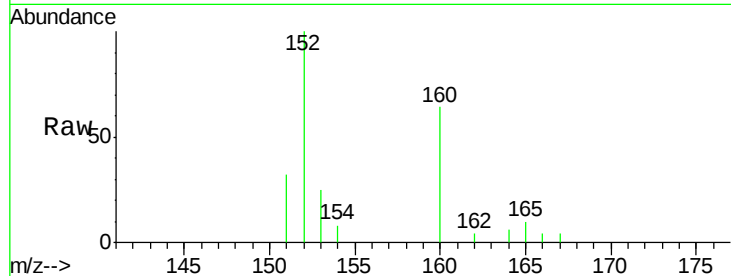
ClientSampleId :

F6A47DL

Tot Ion:	152	Resp:	6421
Ion Ratio	Lower	Upper	
152	100		
151	32.1	17.1	25.7#
153	25.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.516 ng/ul

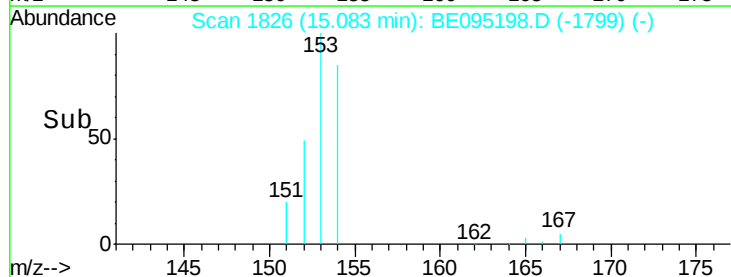
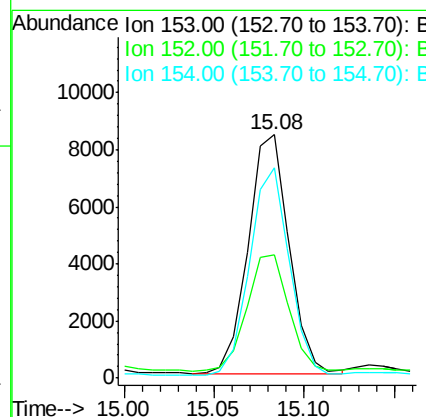
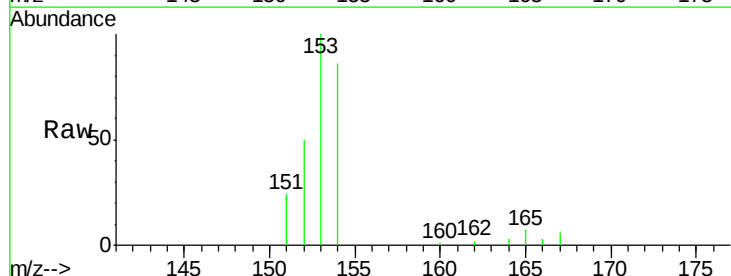
RT: 15.08 min Scan# 1826

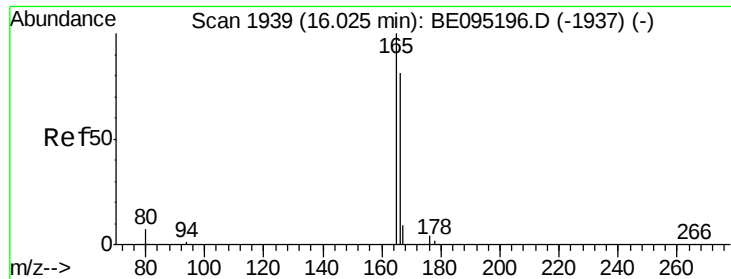
Delta R.T. -0.00 min

Lab File: BE095198.D

Acq: 28 Jan 2018 9:54

Tgt Ion:	153	Resp:	13169
Ion Ratio	Lower	Upper	
153	100		
152	50.5	36.0	54.0
154	86.1	72.0	108.0





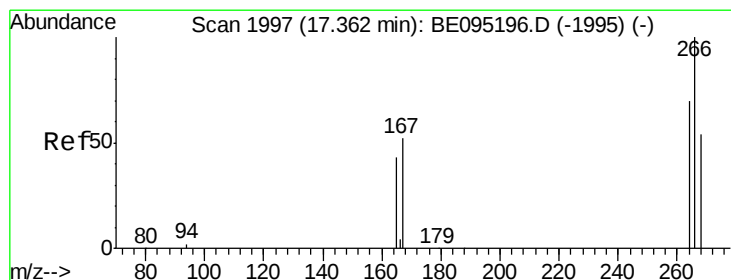
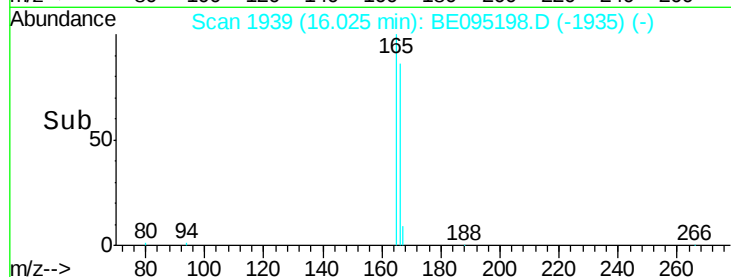
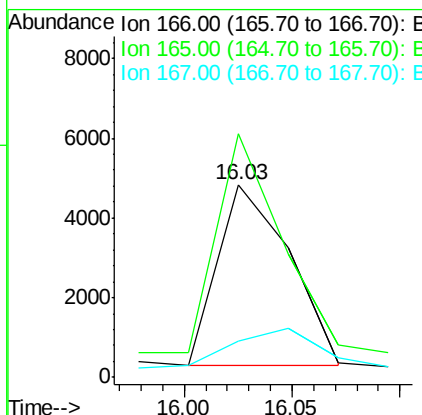
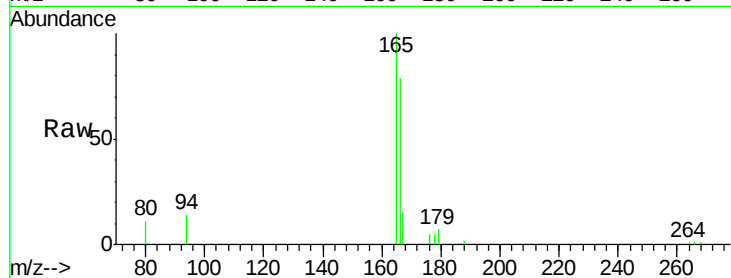
#9
Fluorene
 Concen: 0.397 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BE095198.D
 Acq: 28 Jan 2018 9:54

Instrument :
 BNA_E
 ClientSampleId :
 F6A47DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	126.4	73.4	110.2#
167	18.6	14.6	22.0

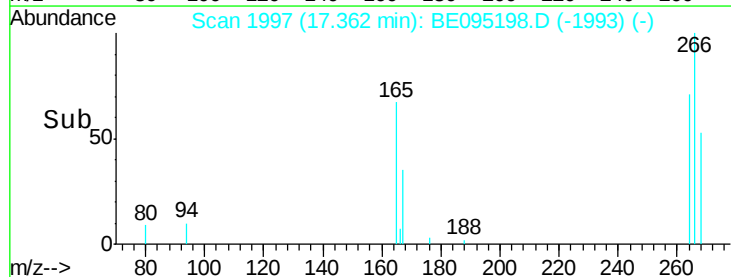
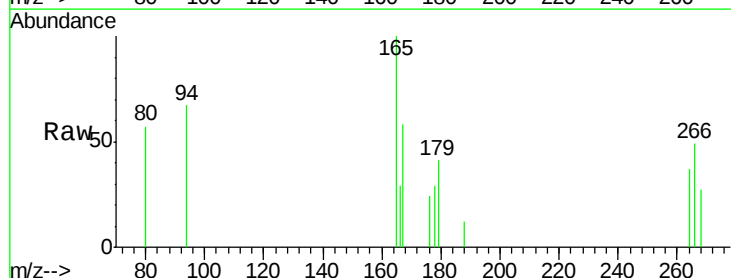
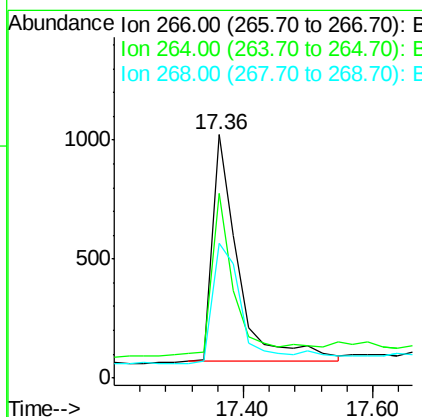
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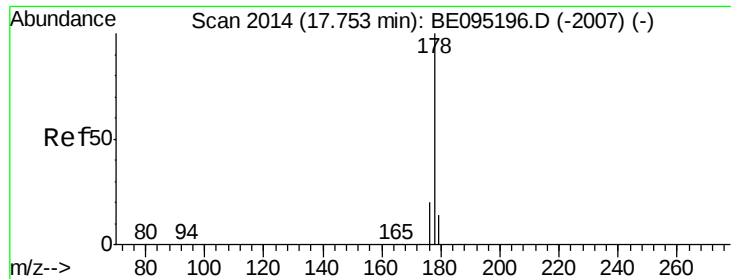
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#11
Pentachlorophenol
 Concen: 1.047 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095198.D
 Acq: 28 Jan 2018 9:54

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.7	47.9	71.9
268	66.4	49.8	74.8





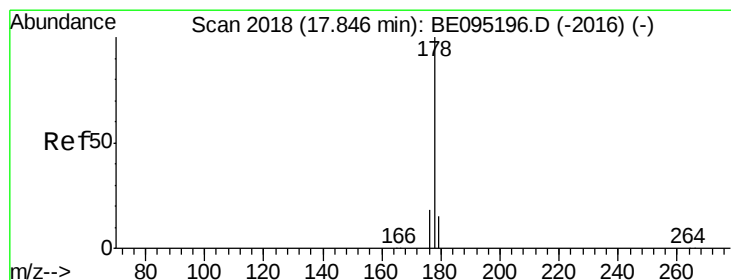
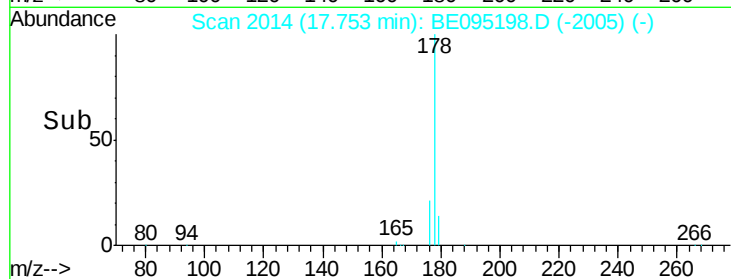
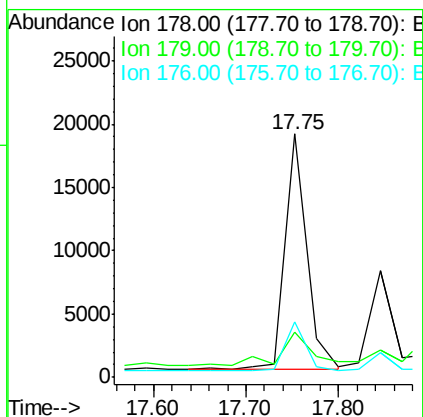
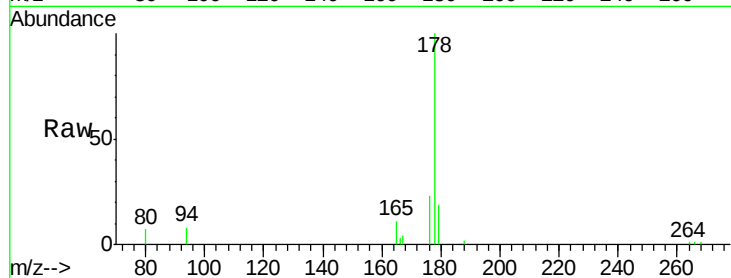
#12
Phenanthrene
Concen: 0.678 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Instrument :
BNA_E
ClientSampleId :
F6A47DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.7	18.4	27.6
176	22.6	13.6	20.4

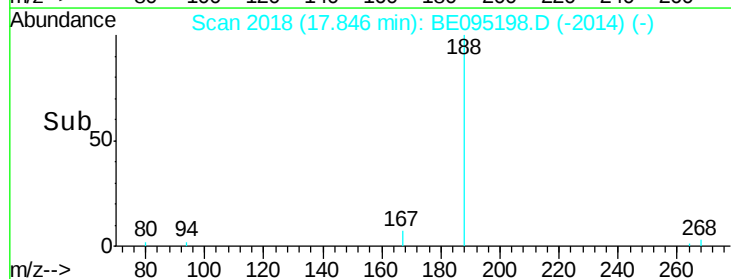
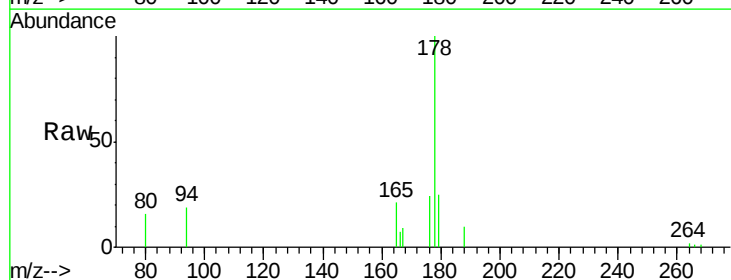
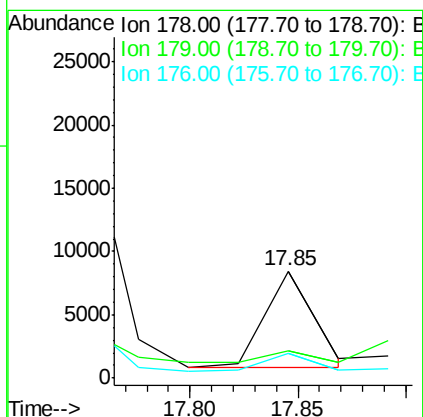
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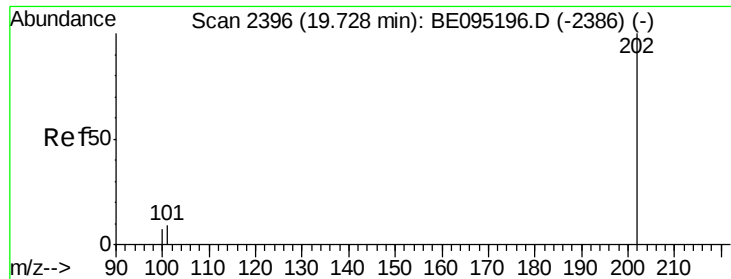
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#13
Anthracene
Concen: 0.288 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.9	18.1	27.1
176	23.5	14.7	22.1





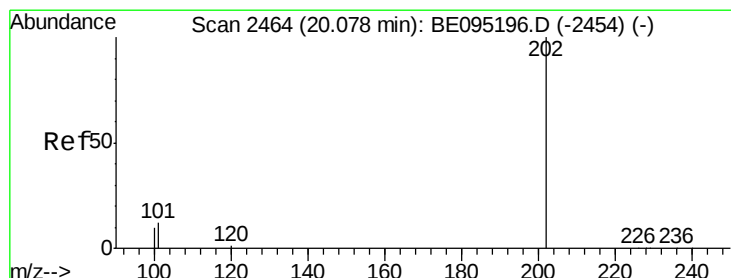
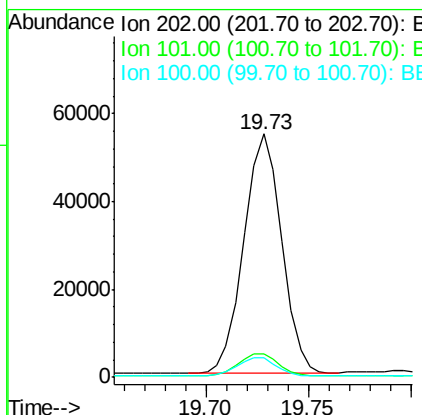
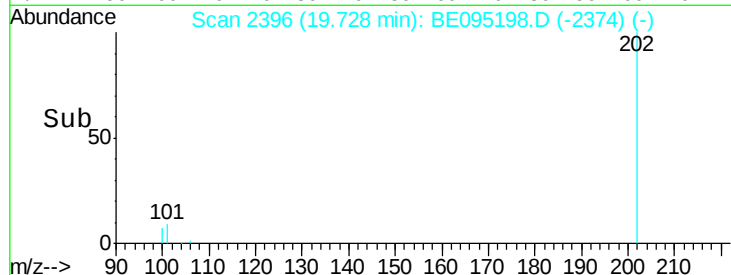
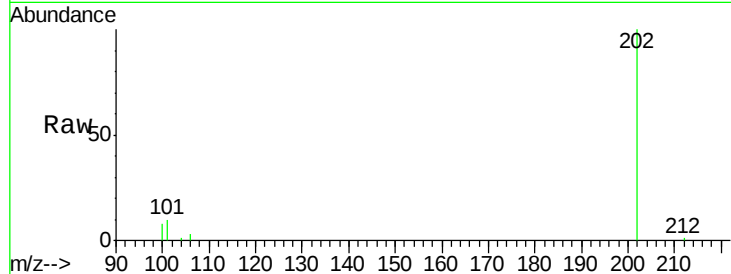
#15
Fluoranthene
 Concen: 1.213 ng/ul
 RT: 19.73 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BE095198.D
 Acq: 28 Jan 2018 9:54

Instrument :
 BNA_E
 ClientSampleId :
 F6A47DL

Tot Ion:	202	Resp:	70312
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.3
100	7.8	0.0	39.5

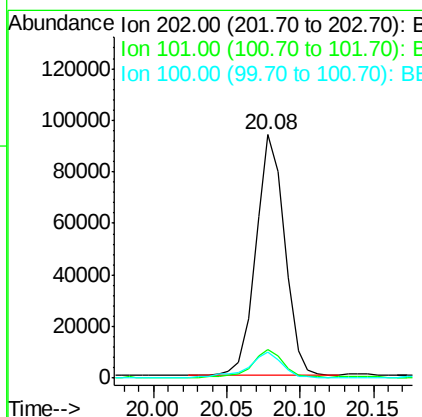
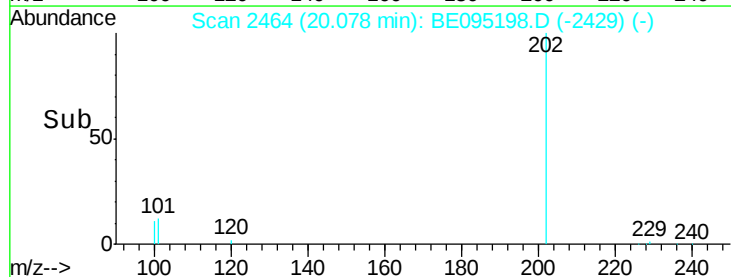
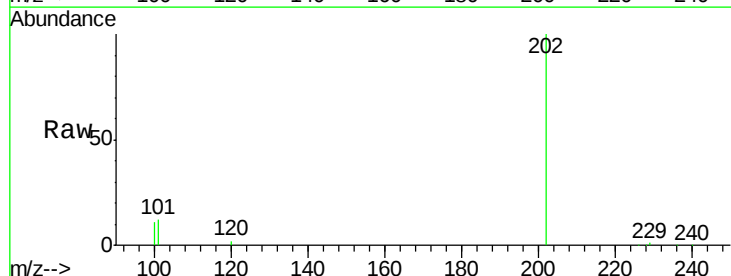
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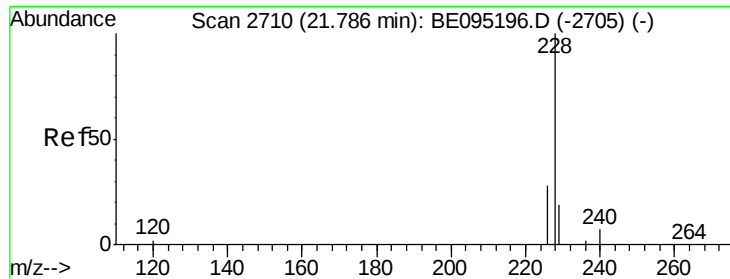
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#17
Pyrene
 Concen: 2.630 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BE095198.D
 Acq: 28 Jan 2018 9:54

Tgt Ion:	202	Resp:	127486
Ion Ratio	Lower	Upper	
202	100		
101	11.8	18.2	27.4#
100	10.8	15.6	23.4#





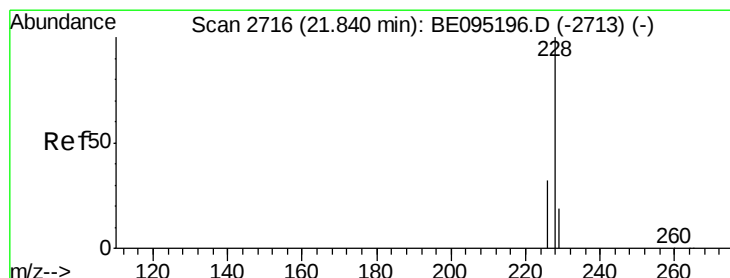
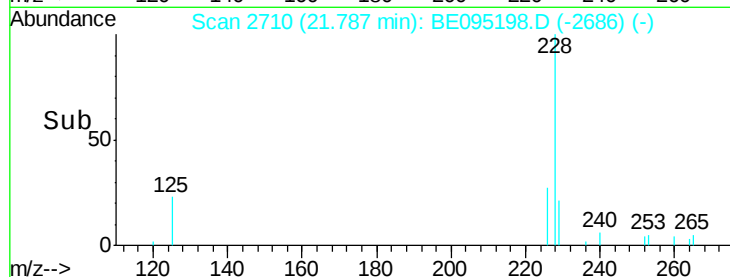
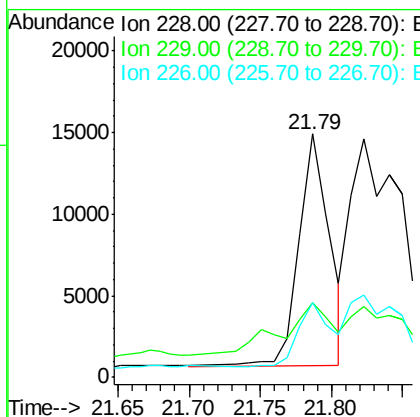
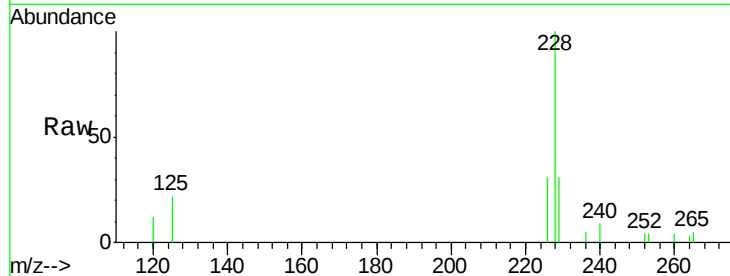
#18
Benzo(a)anthracene
Concen: 0.613 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Instrument :
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ClientSampleId :
F6A47DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	30.8	22.8	34.2
226	30.9	17.0	25.6

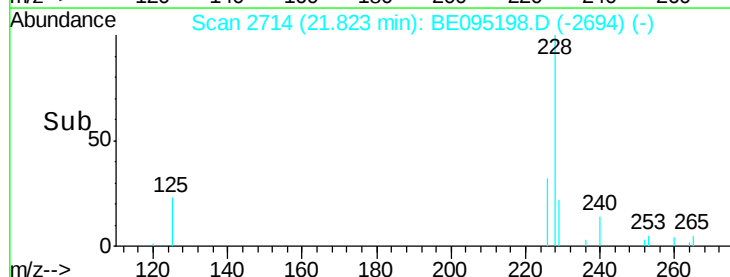
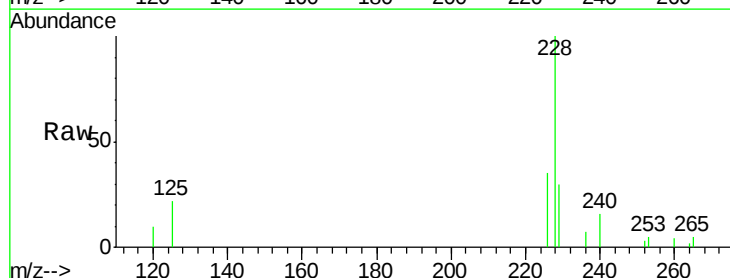
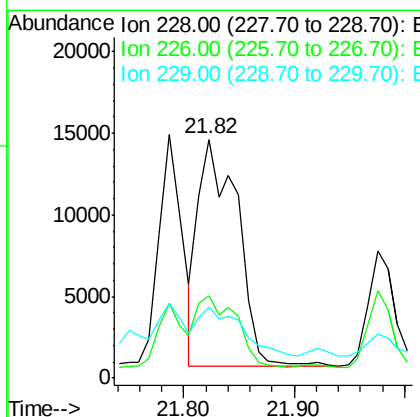
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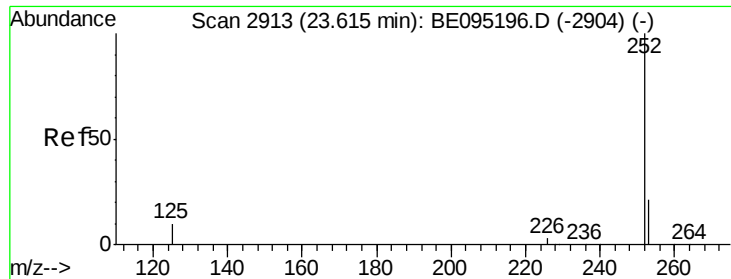
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#19
Chrysene
Concen: 0.722 ng/ul
RT: 21.82 min Scan# 2714
Delta R.T. -0.02 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.7	23.4	35.0
229	29.6	17.7	26.5





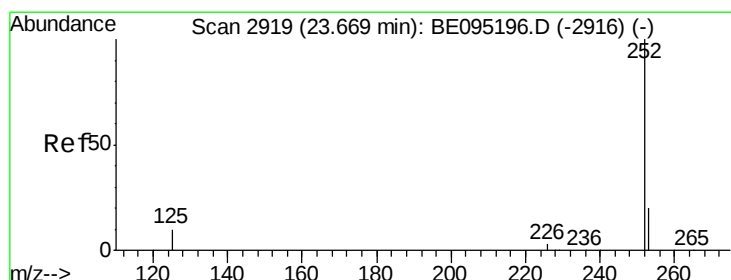
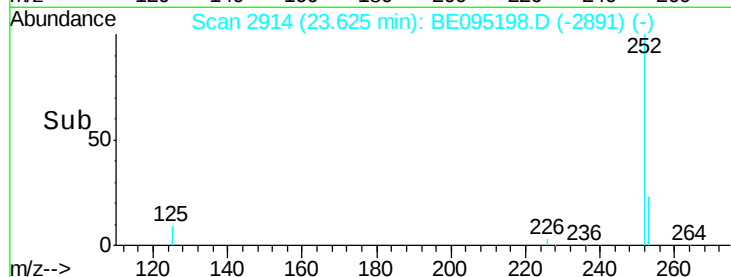
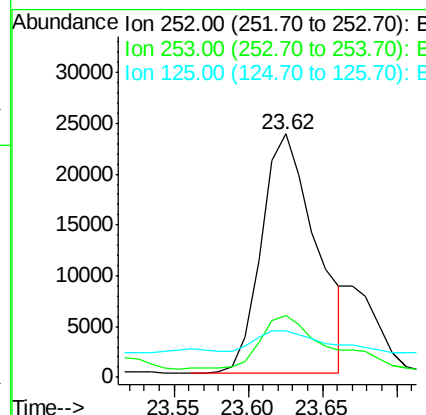
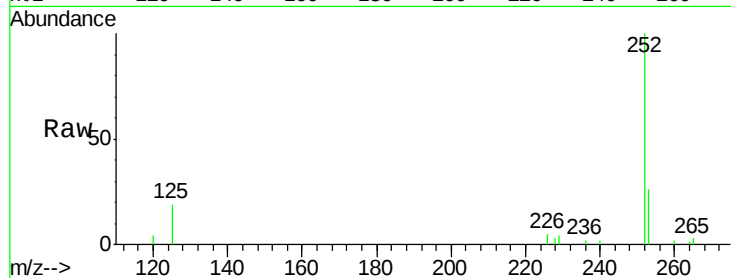
#21
Benzo(b)fluoranthene
Concen: 1.224 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Instrument :
BNA_E
ClientSampleId :
F6A47DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	0.0	64.2
125	19.2	0.0	35.0

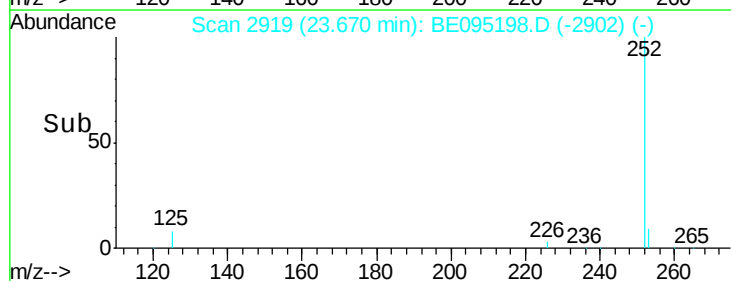
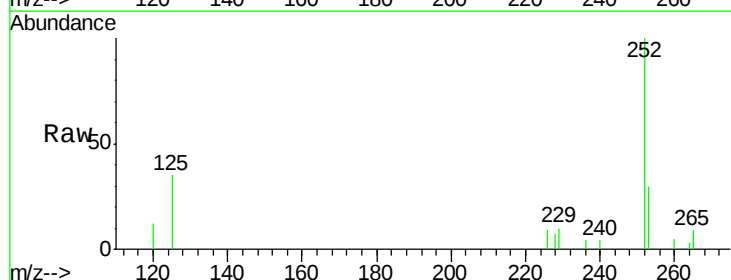
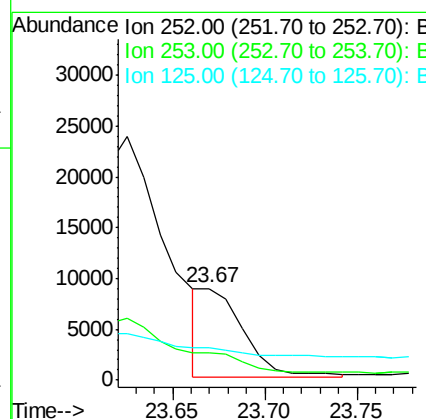
Manual Integrations
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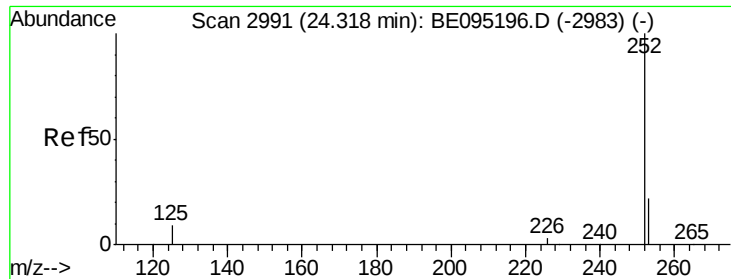
Sohil
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#22
Benzo(k)fluoranthene
Concen: 0.299 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	29.8	24.5	36.7
125	34.8	13.7	20.5





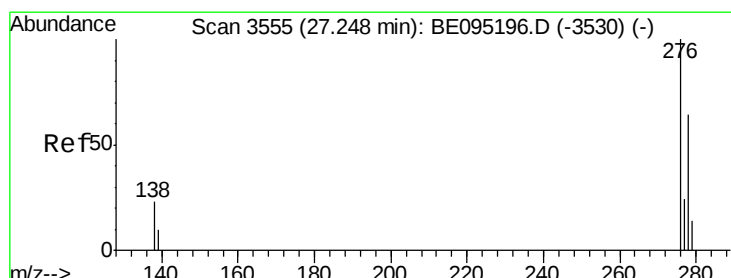
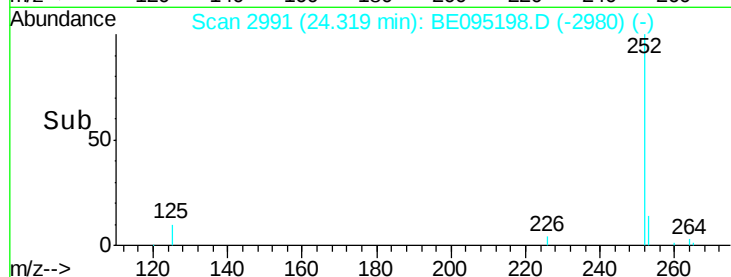
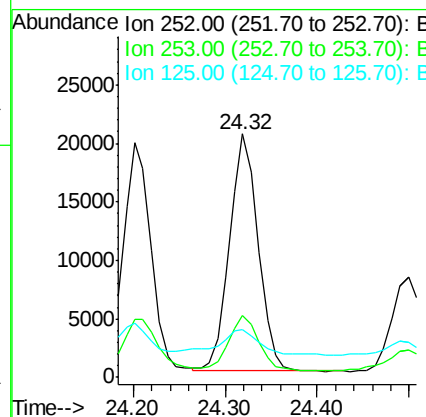
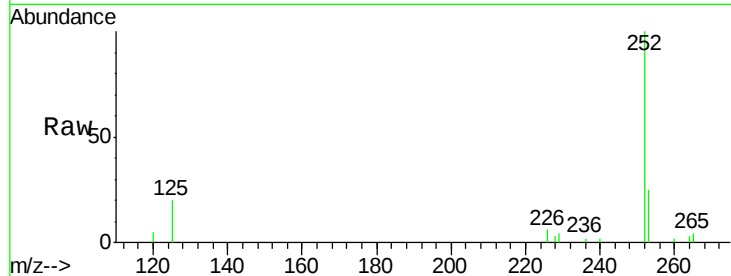
#23
Benzo(a)pyrene
Concen: 0.986 ng/u1
RT: 24.32 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Instrument :
BNA_E
ClientSampled :
F6A47DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	28.5	42.7#
125	19.8	18.1	27.1

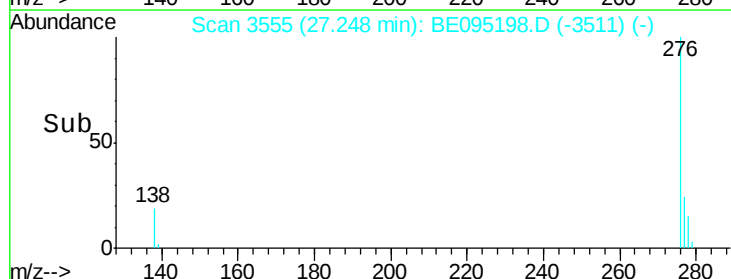
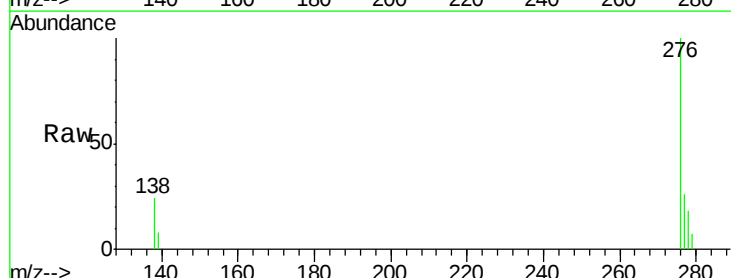
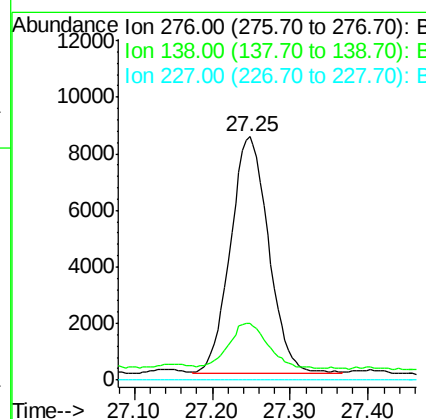
Manual Integrations
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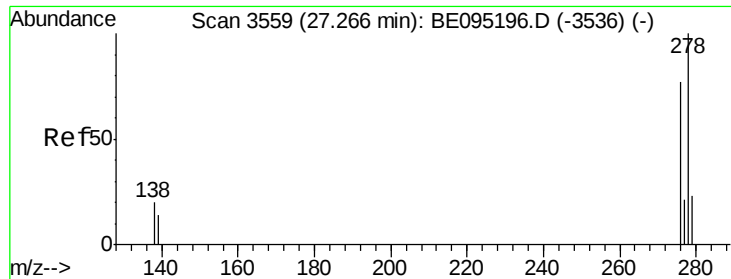
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.580 ng/u1
RT: 27.25 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	28.0	42.0#
227	0.0	8.0	12.0#





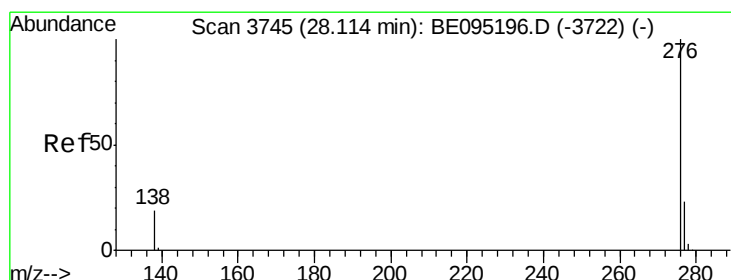
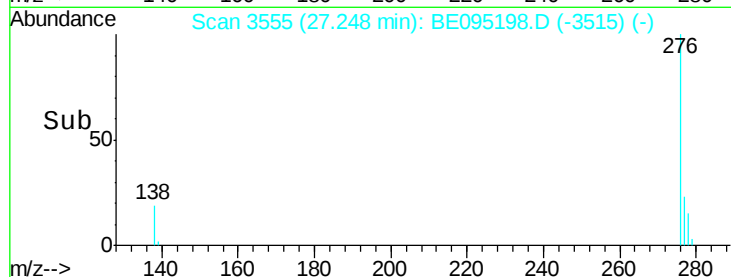
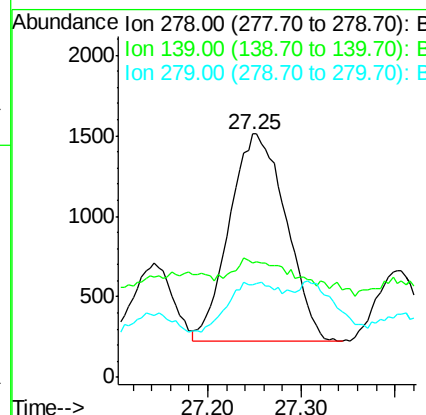
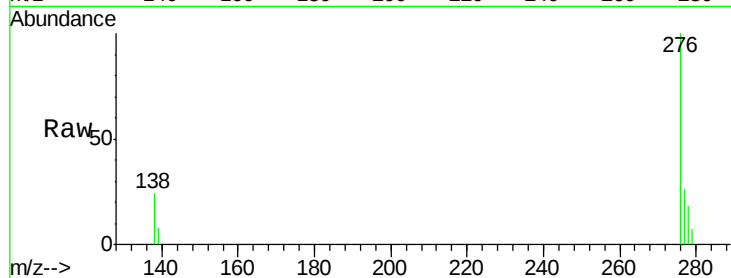
#25
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 27.25 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Instrument :
BNA_E
ClientSampled :
F6A47DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	47.1	17.4	26.0#
279	38.0	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.694 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.01 min
Lab File: BE095198.D
Acq: 28 Jan 2018 9:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.8	32.8
277	25.6	20.5	30.7

