

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097476.D
 Acq On : 13 Sep 2018 6:48
 Operator : SJ/JU
 Sample : J4792-15DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YY4DL

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:43:02 PM

Quant Time: Sep 13 08:22:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1209	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6825	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4470	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	11279	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12339	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	13538	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	580	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1977	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	1202	0.072	ng/ul#	88
5) 2-Methylnaphthalene	11.80	142	600	0.057	ng/ul	98
7) Acenaphthylene	13.73	152	1263	0.078	ng/ul#	87
8) Acenaphthene	14.07	153	901	0.064	ng/ul#	94
9) Fluorene	15.07	166	916	0.057	ng/ul#	86
12) Phenanthrene	16.80	178	14347	0.494	ng/ul#	90
13) Anthracene	16.89	178	2721	0.111	ng/ul#	93
15) Fluoranthene	18.84	202	30582	0.820	ng/ul	84
17) Pyrene	19.20	202	31688	0.954	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	17613	0.556	ng/ul#	87
19) Chrysene	21.01	228	20699	0.567	ng/ul#	87
21) Benzo(b)fluoranthene	22.54	252	28077m	0.774	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	6619m	0.164	ng/ul	
23) Benzo(a)pyrene	23.11	252	16679	0.497	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	14835	0.341	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	4094	0.111	ng/ul#	12
26) Benzo(g,h,i)perylene	26.21	276	13608	0.367	ng/ul#	89

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

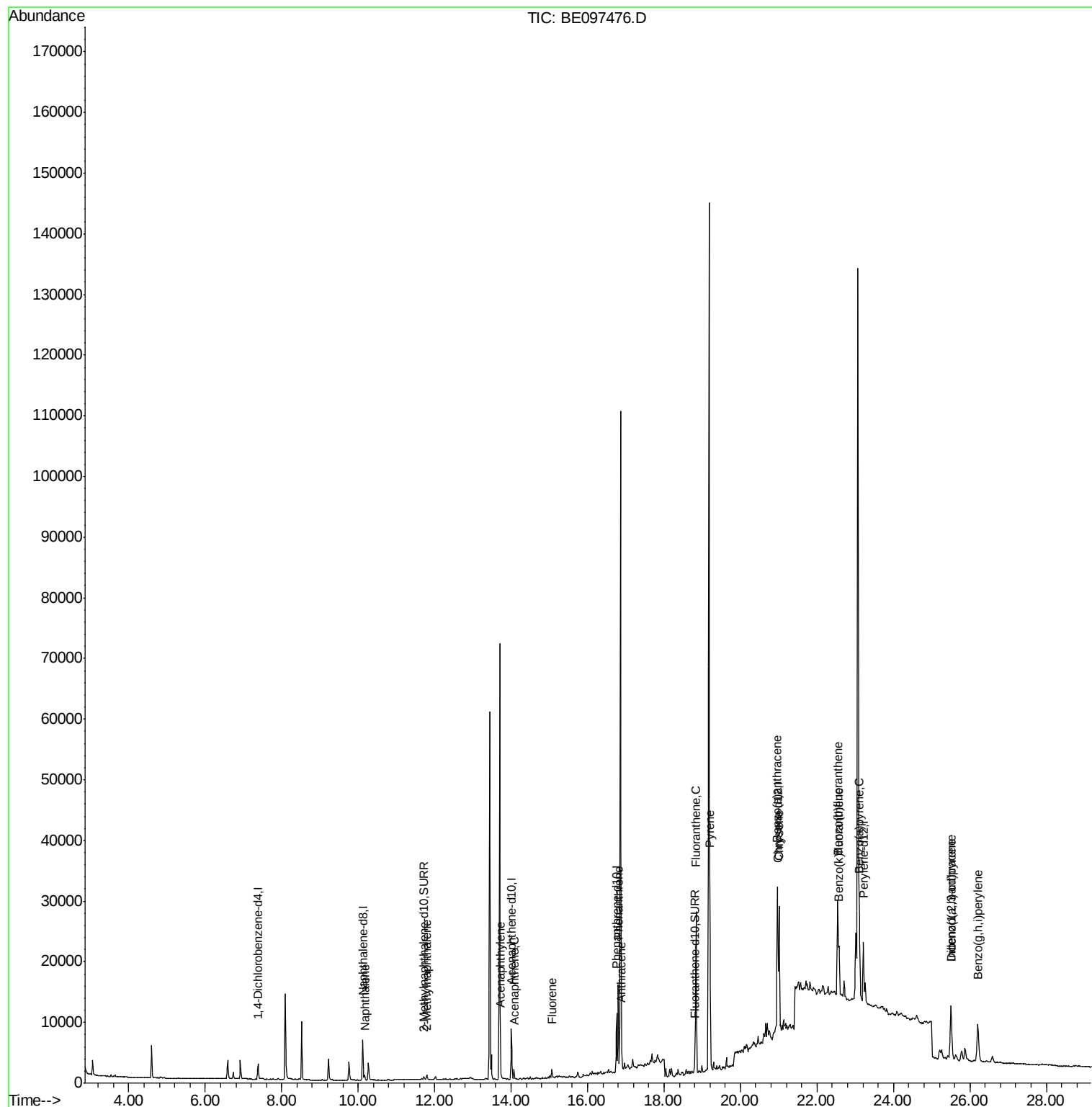
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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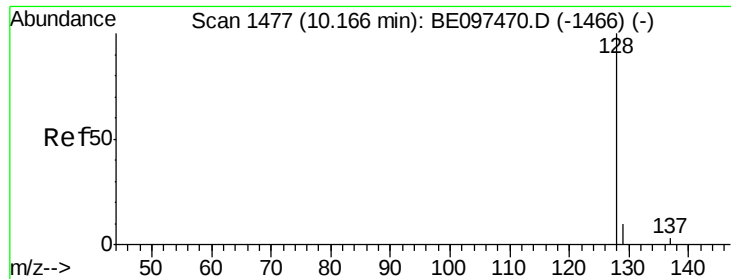
Instrument :
BNA_E
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A3YY4DL

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Quant Time: Sep 13 08:22:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
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#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Instrument :

BNA_E

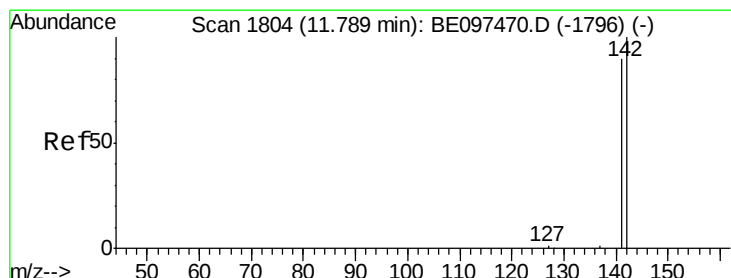
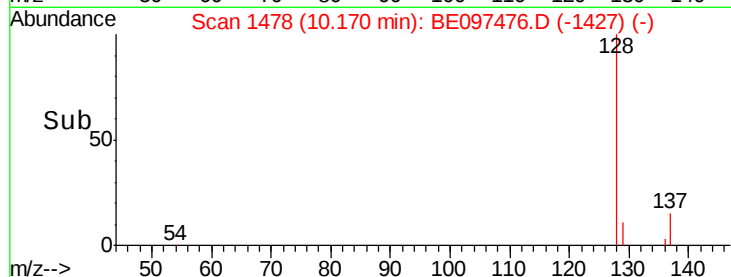
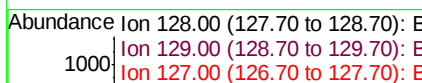
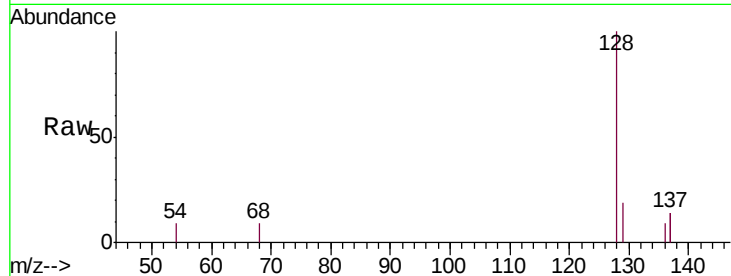
ClientSampleId :

A3YY4DL

Tgt Ion:	128	Resp:	1202
Ion Ratio	Lower	Upper	
128	100		
129	18.6	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

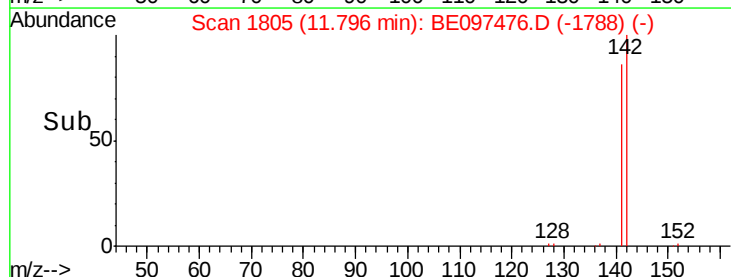
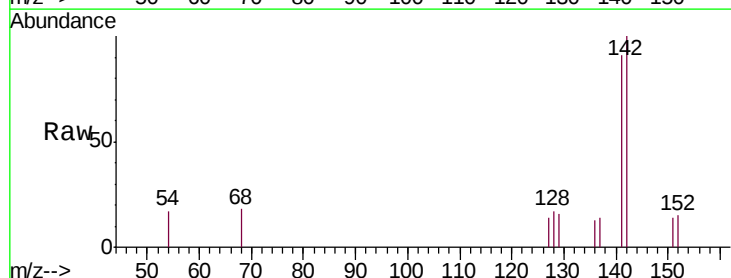
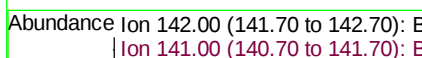
RT: 11.80 min Scan# 1805

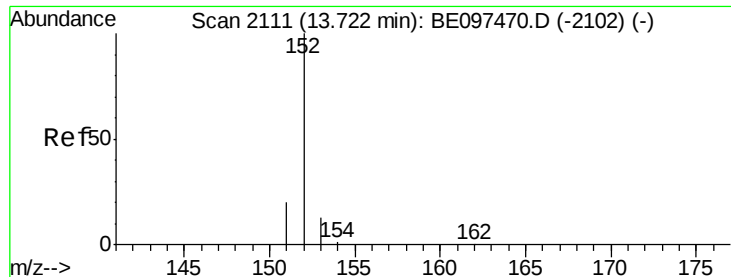
Delta R.T. 0.01 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Tgt Ion:	142	Resp:	600
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.078 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Instrument :

BNA_E

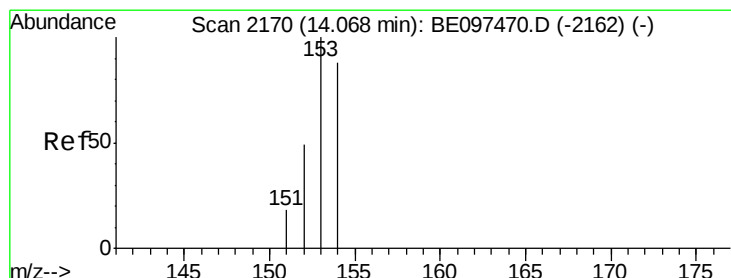
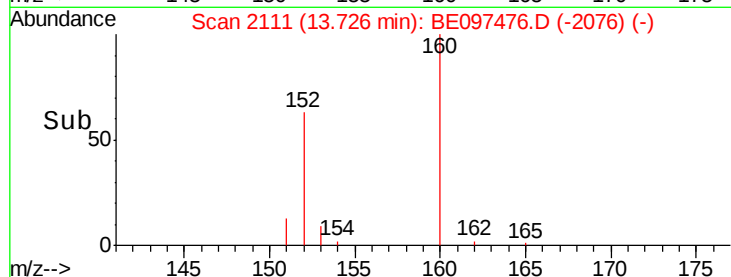
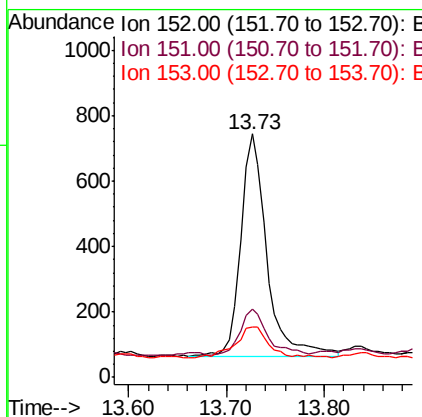
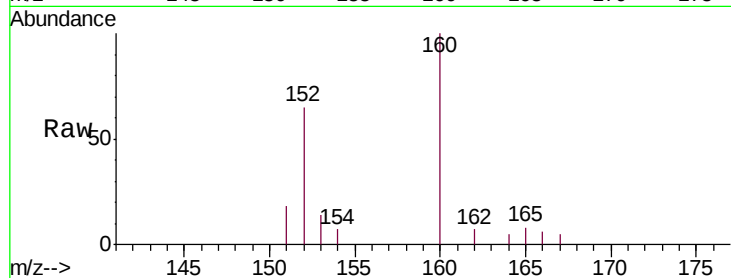
ClientSampleId :

A3YY4DL

Tgt Ion:	152	Resp:	1263
Ion Ratio	Lower	Upper	
152	100		
151	27.8	17.1	25.7#
153	21.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.064 ng/ul

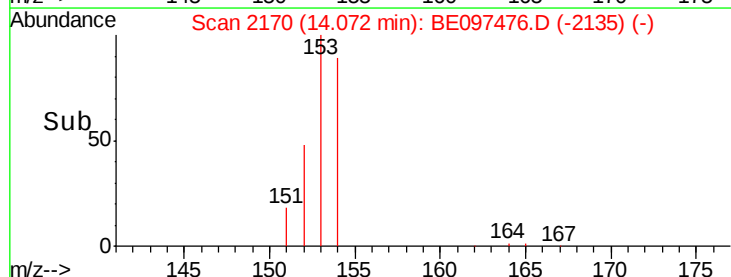
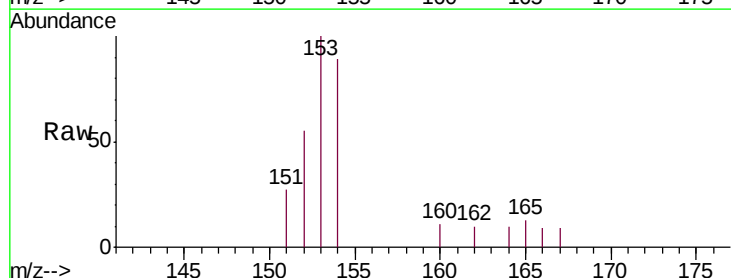
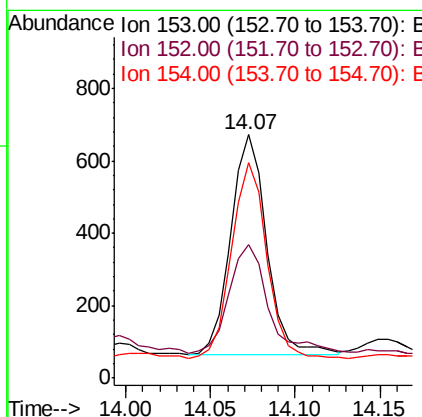
RT: 14.07 min Scan# 2170

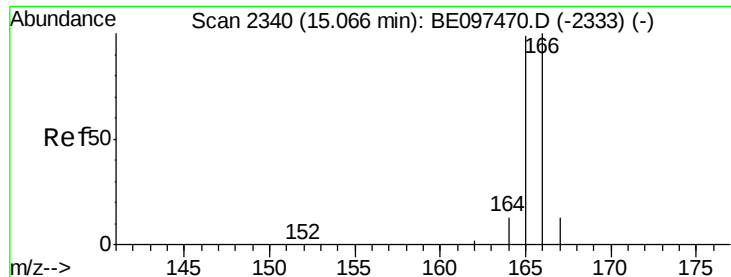
Delta R.T. 0.00 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Tgt Ion:	153	Resp:	901
Ion Ratio	Lower	Upper	
153	100		
152	54.8	36.0	54.0#
154	88.7	72.0	108.0





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Instrument :

BNA_E

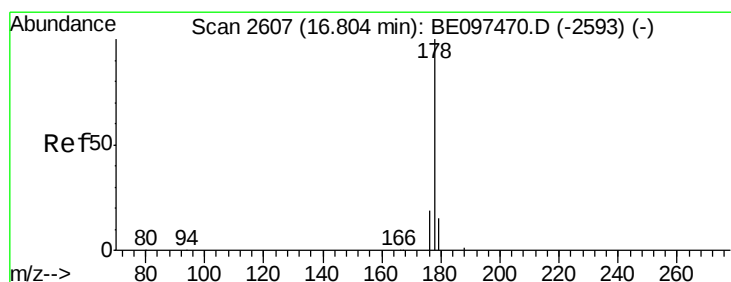
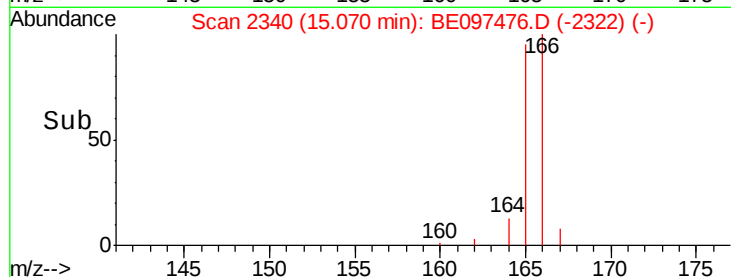
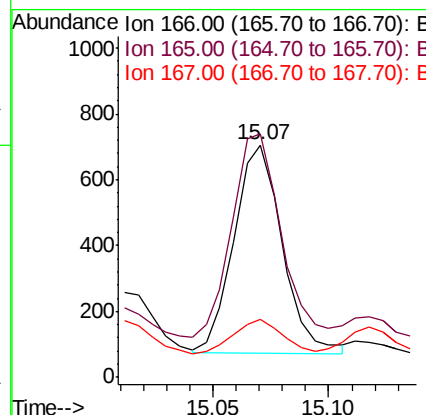
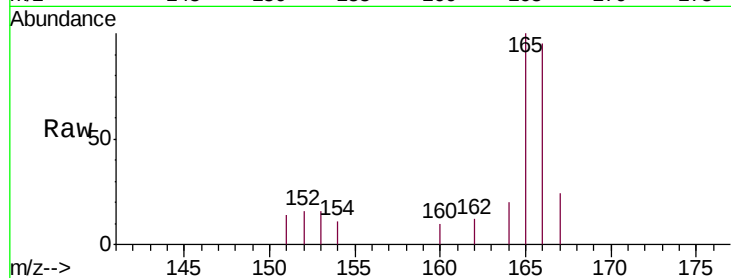
ClientSampled :

A3YY4DL

Tgt Ion:	166	Resp:	916
Ion Ratio	Lower	Upper	
166	100		
165	104.8	73.4	110.2
167	25.2	14.6	22.0#

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#12

Phenanthrene

Concen: 0.494 ng/ul

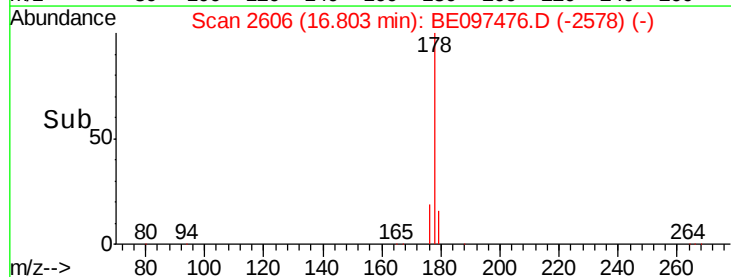
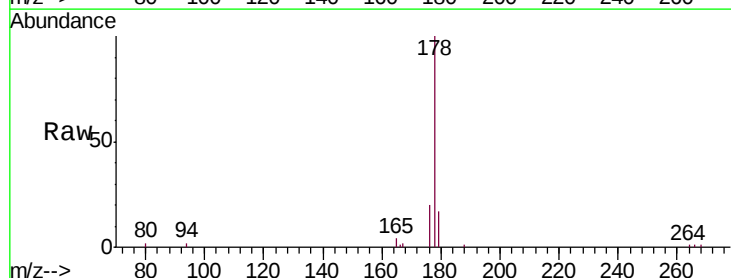
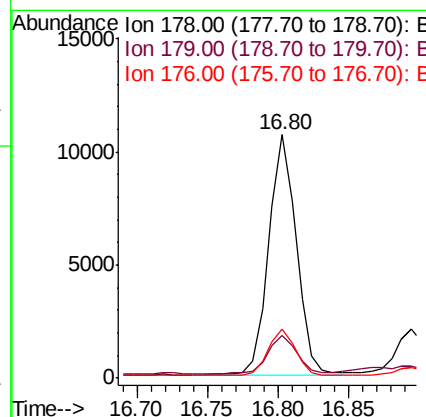
RT: 16.80 min Scan# 2606

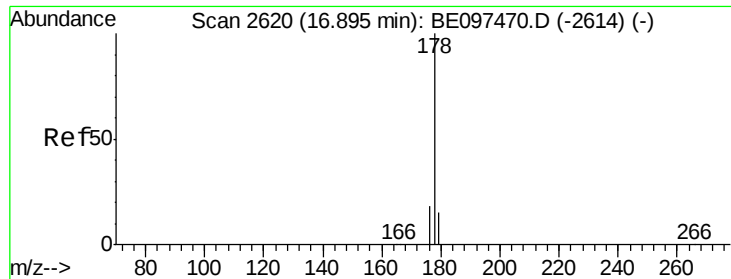
Delta R.T. -0.00 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Tgt Ion:	178	Resp:	14347
Ion Ratio	Lower	Upper	
178	100		
179	17.3	18.4	27.6#
176	20.1	13.6	20.4





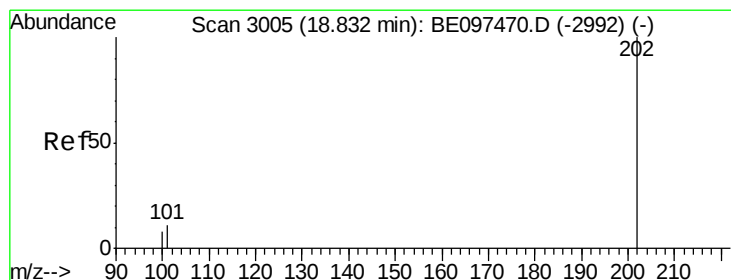
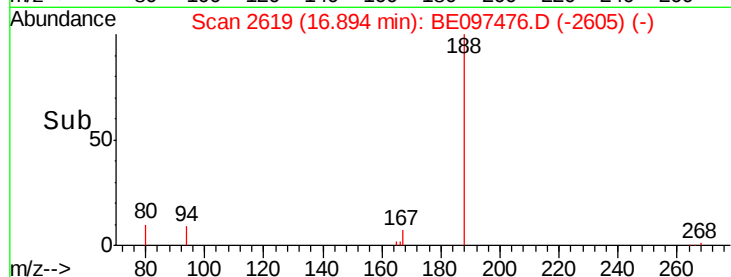
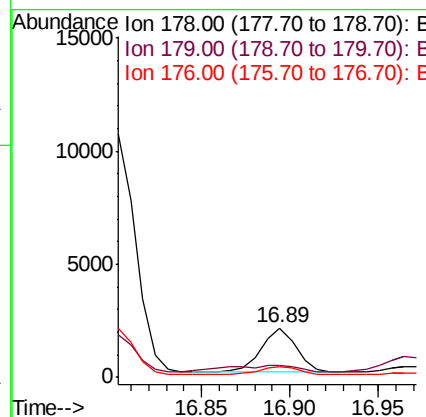
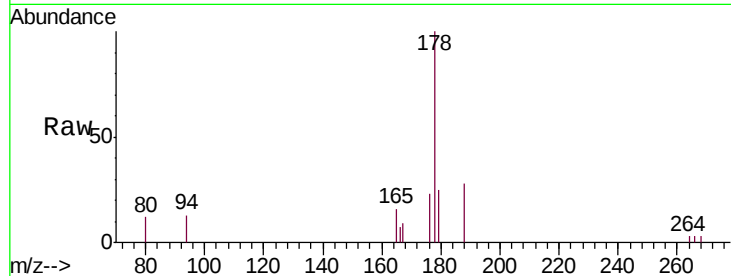
#13
 Anthracene
 Concen: 0.111 ng/ul
 RT: 16.89 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BE097476.D
 Acq: 13 Sep 2018 6:48

Instrument :
 BNA_E
 ClientSampleId :
 A3YY4DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.8	18.1	27.1
176	22.8	14.7	22.1

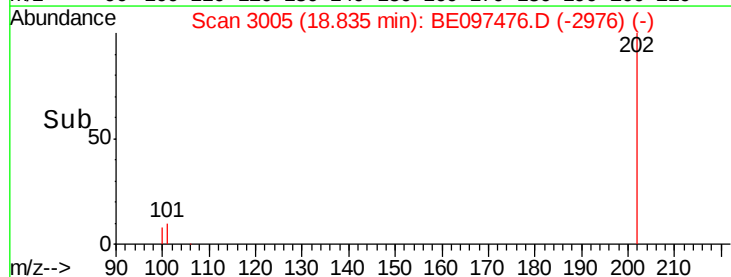
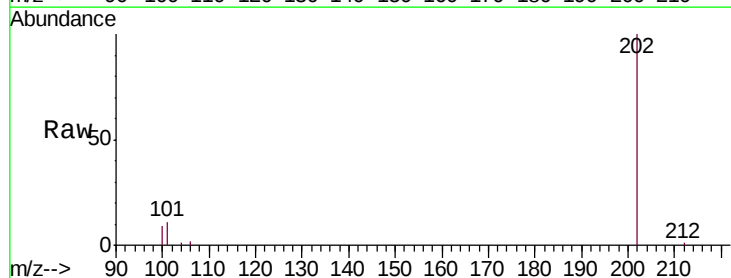
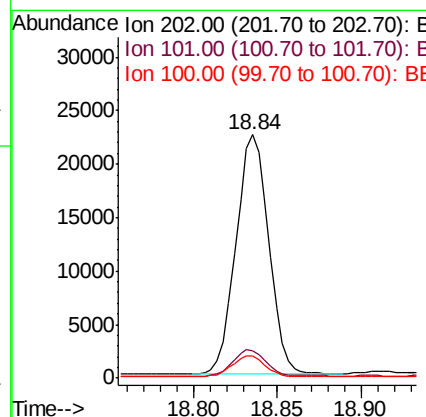
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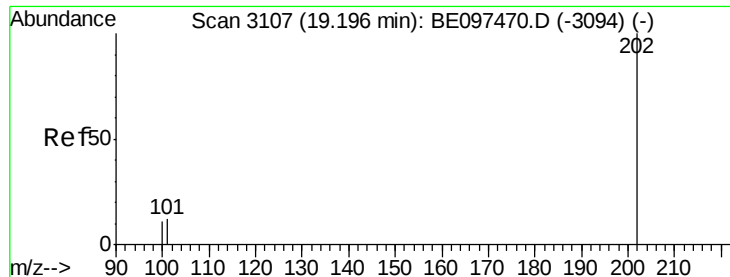
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#15
 Fluoranthene
 Concen: 0.820 ng/ul
 RT: 18.84 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: BE097476.D
 Acq: 13 Sep 2018 6:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.9	0.0	39.5





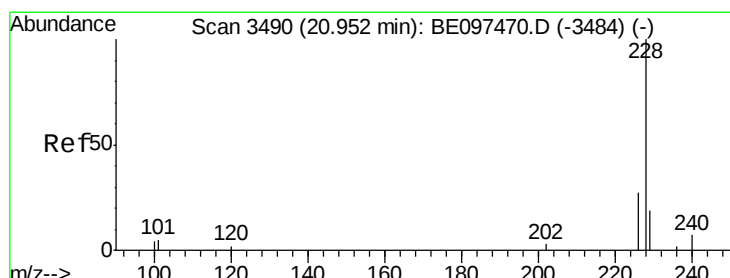
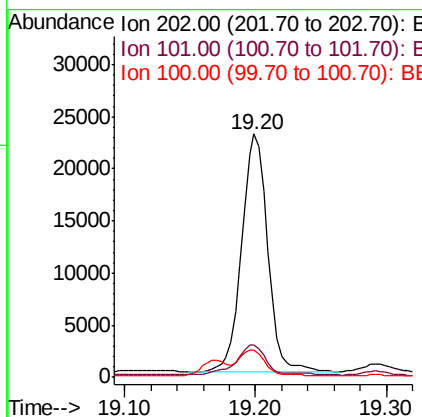
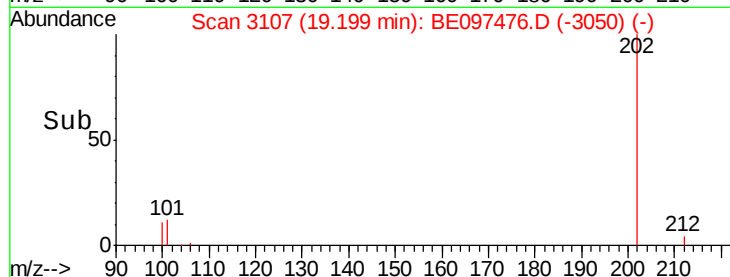
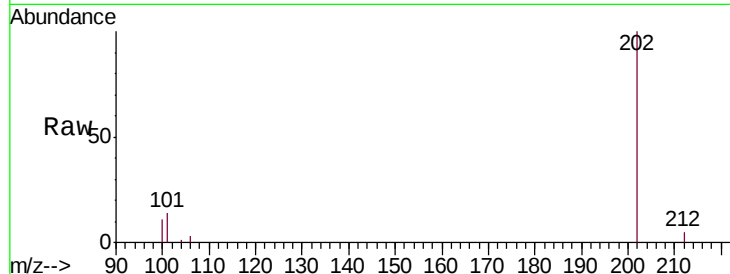
#17
 Pyrene
 Concen: 0.954 ng/ul
 RT: 19.20 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BE097476.D
 Acq: 13 Sep 2018 6:48

Instrument :
 BNA_E
 ClientSampleId :
 A3YY4DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	18.2	27.4#
100	11.3	15.6	23.4#

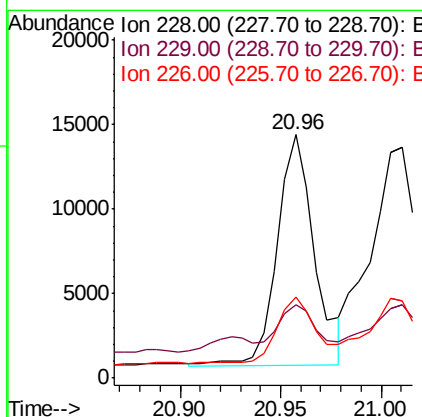
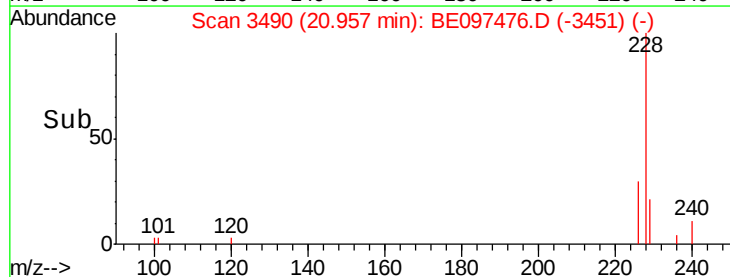
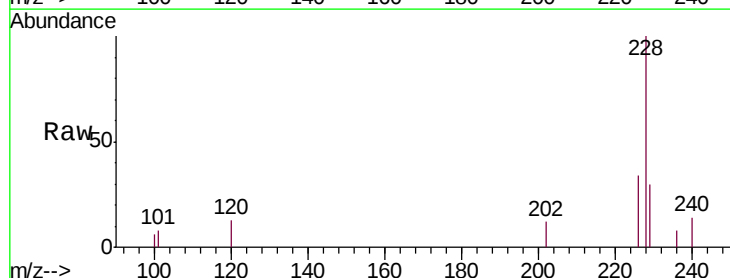
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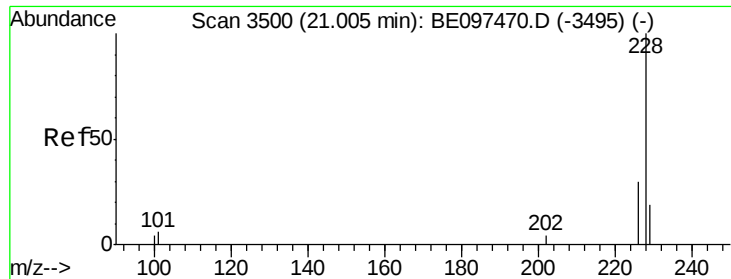
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#18
 Benzo(a)anthracene
 Concen: 0.556 ng/ul
 RT: 20.96 min Scan# 3490
 Delta R.T. 0.01 min
 Lab File: BE097476.D
 Acq: 13 Sep 2018 6:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	30.3	22.8	34.2
226	33.5	17.0	25.6#





#19

Chrysene

Concen: 0.567 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. 0.01 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Instrument :

BNA_E

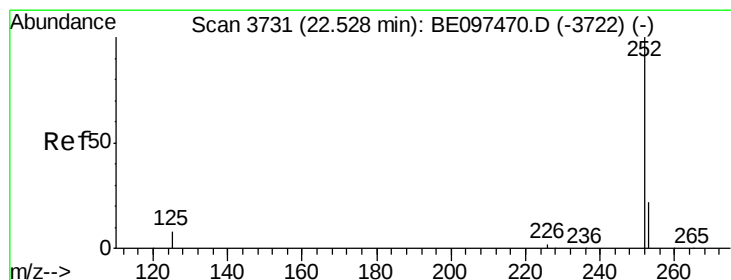
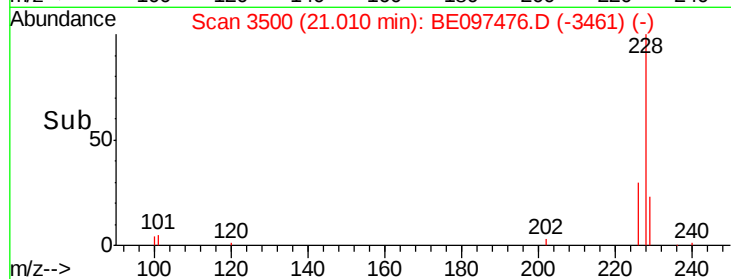
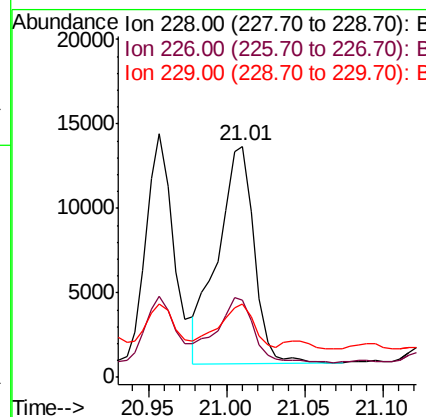
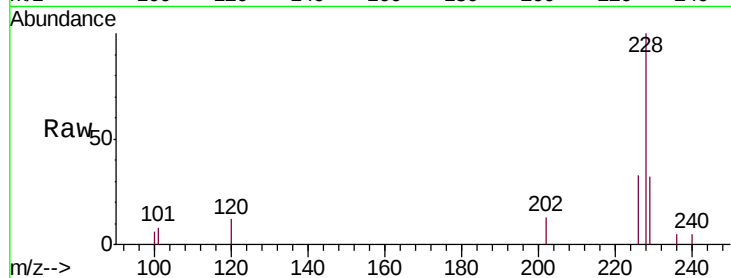
ClientSampleId :

A3YY4DL

Tgt Ion:	228	Resp:	20699
Ion Ratio	Lower	Upper	
228	100		
226	33.5	23.4	35.0
229	31.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.774 ng/ul m

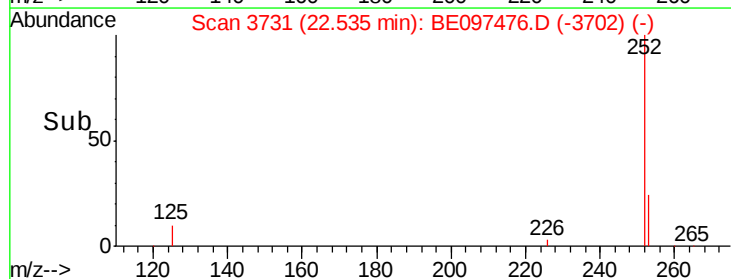
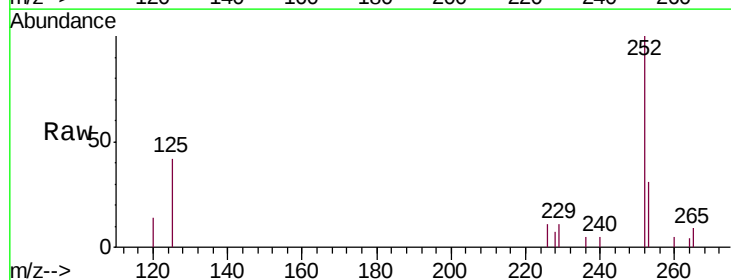
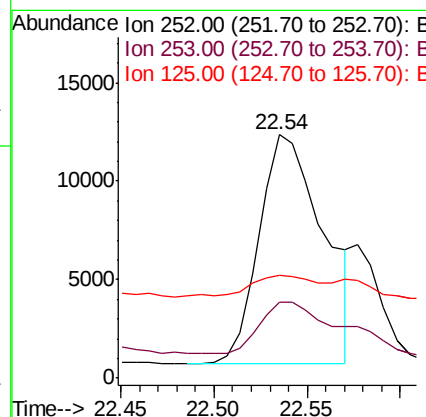
RT: 22.54 min Scan# 3731

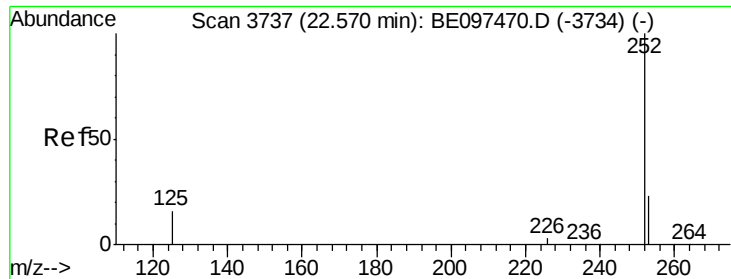
Delta R.T. 0.01 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Tgt Ion:	252	Resp:	28077
Ion Ratio	Lower	Upper	
252	100		
253	31.4	0.0	64.2
125	42.2	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.164 ng/ul m

RT: 22.58 min Scan# 3737

Delta R.T. 0.01 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Instrument :

BNA_E

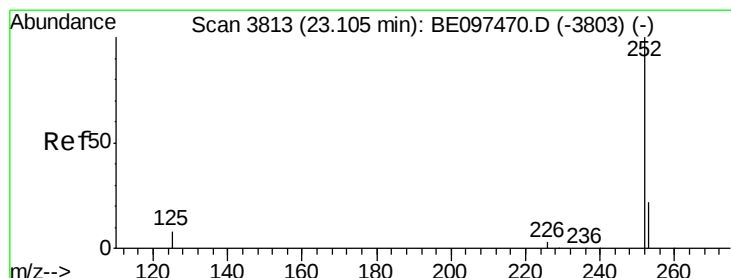
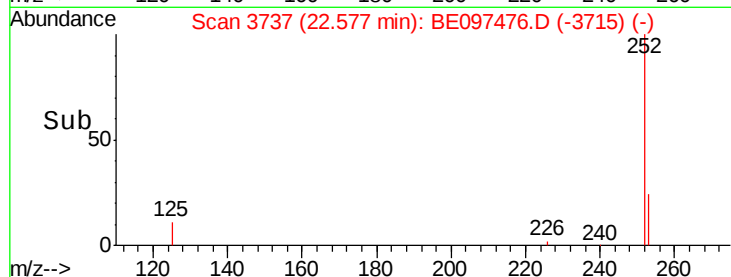
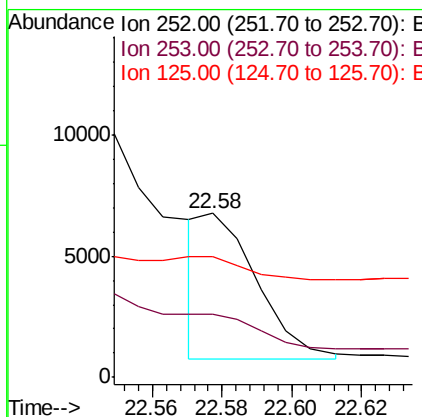
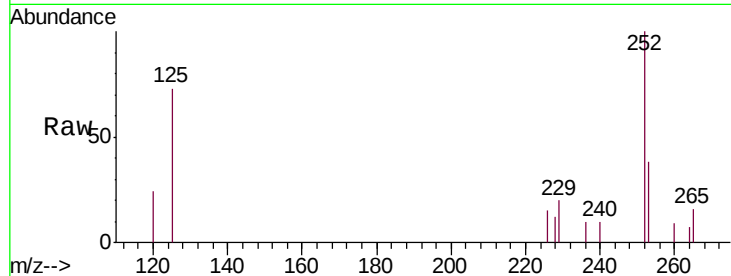
ClientSampleId :

A3YY4DL

Tgt Ion:	252	Resp:	6619
Ion Ratio	Lower	Upper	
252	100		
253	38.3	24.5	36.7#
125	73.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.497 ng/ul

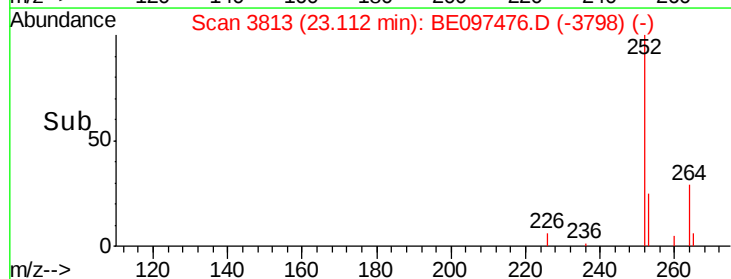
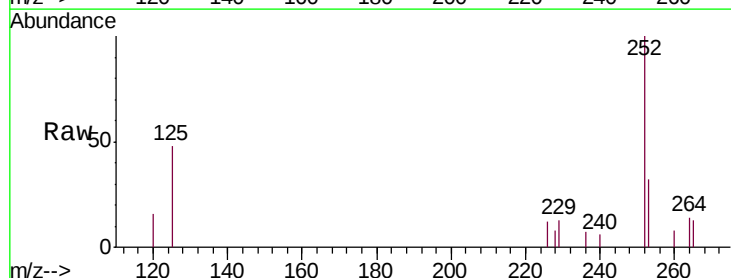
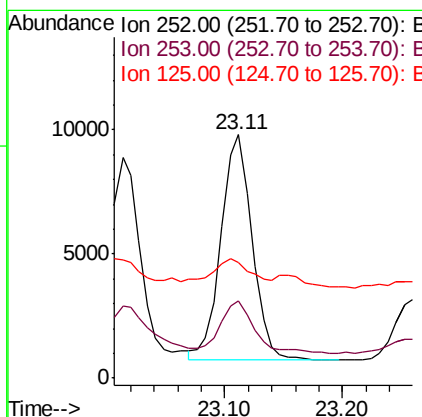
RT: 23.11 min Scan# 3813

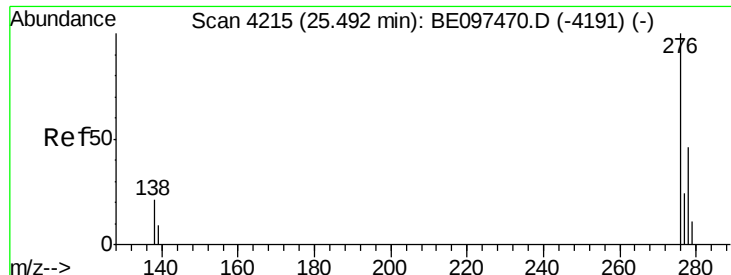
Delta R.T. 0.01 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Tgt Ion:	252	Resp:	16679
Ion Ratio	Lower	Upper	
252	100		
253	31.8	28.5	42.7
125	47.6	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.341 ng/uL

RT: 25.50 min Scan# 4216

Delta R.T. 0.01 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Instrument :

BNA_E

ClientSampleId :

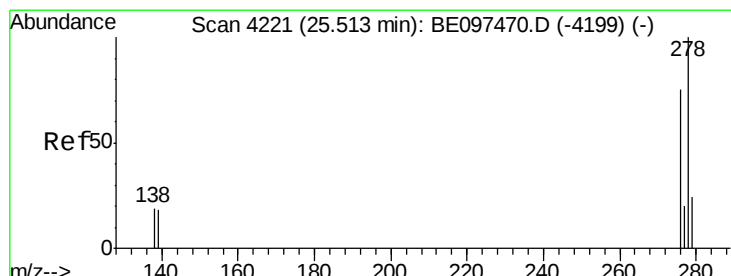
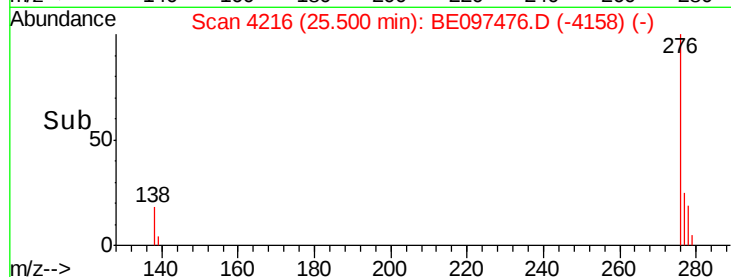
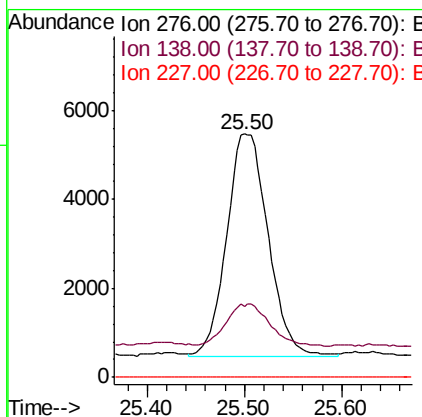
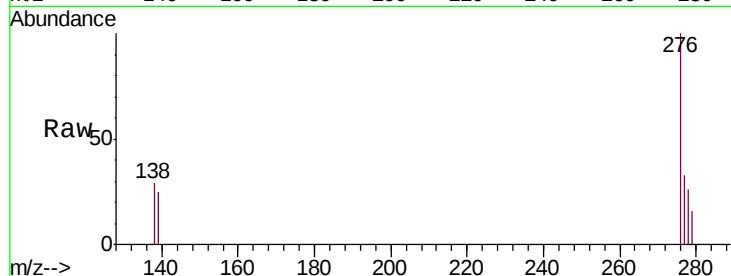
A3YY4DL

Tgt Ion:	276	Resp:	14835
Ion Ratio	Lower	Upper	
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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Sohil

9/13/2018 5:43:02 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.111 ng/uL

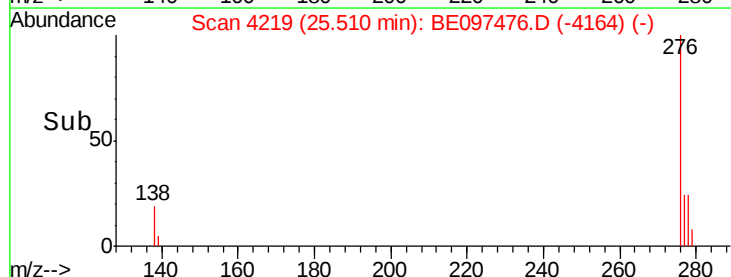
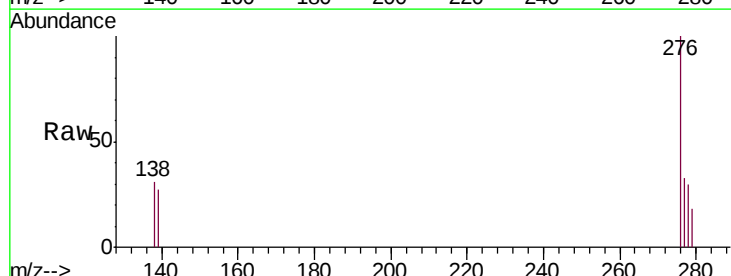
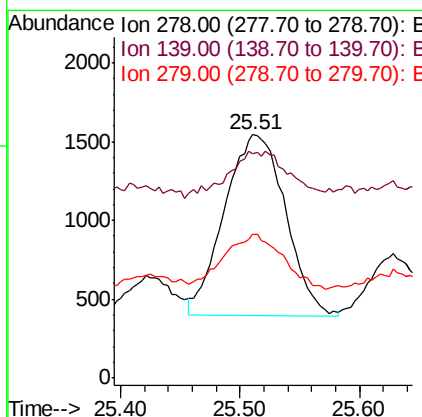
RT: 25.51 min Scan# 4219

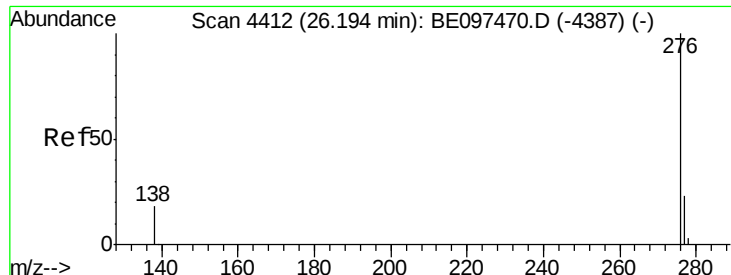
Delta R.T. -0.00 min

Lab File: BE097476.D

Acq: 13 Sep 2018 6:48

Tgt Ion:	278	Resp:	4094
Ion Ratio	Lower	Upper	
278	100		
139	92.0	17.4	26.0#
279	59.1	25.9	38.9#





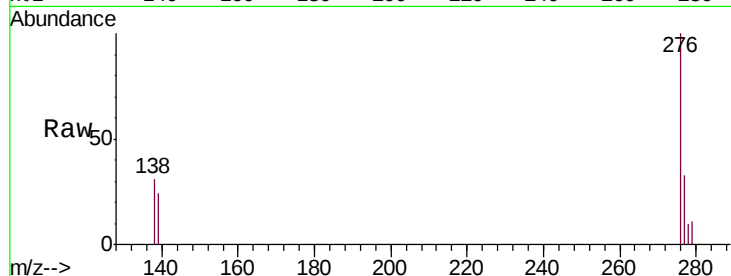
#26
 Benzo(g,h,i)perylene
 Concen: 0.367 ng/ul
 RT: 26.21 min Scan# 4414
 Delta R.T. 0.01 min
 Lab File: BE097476.D
 Acq: 13 Sep 2018 6:48

Instrument :
 BNA_E
 ClientSampleId :
 A3YY4DL

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		13608		
138	31.3	21.8	32.8		
277	33.0	20.5	30.7		

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:43:02 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

