

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097475.D
 Acq On : 13 Sep 2018 6:09
 Operator : SJ/JU
 Sample : J4792-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YY4

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:44 PM

Quant Time: Sep 13 08:20:31 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	1137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6617	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4931	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	12334m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12575m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13469m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2759	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9758m	0.24	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	5559	0.345	ng/ul#	93
5) 2-Methylnaphthalene	11.79	142	2950	0.289	ng/ul	97
7) Acenaphthylene	13.73	152	6300	0.351	ng/ul	97
8) Acenaphthene	14.07	153	4291	0.278	ng/ul	96
9) Fluorene	15.07	166	4398	0.249	ng/ul	89
12) Phenanthrene	16.80	178	68268m	2.150	ng/ul	
13) Anthracene	16.90	178	14158m	0.530	ng/ul	
15) Fluoranthene	18.84	202	144130m	3.534	ng/ul	
17) Pyrene	19.20	202	148904m	4.400	ng/ul	
18) Benzo(a)anthracene	20.96	228	77088m	2.386	ng/ul	
19) Chrysene	21.01	228	96457m	2.592	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	130307m	3.613	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	34300m	0.853	ng/ul	
23) Benzo(a)pyrene	23.12	252	78564	2.354	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.52	276	68210	1.577	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.53	278	18722	0.511	ng/ul#	65
26) Benzo(g,h,i)perylene	26.22	276	64489	1.749	ng/ul	94

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

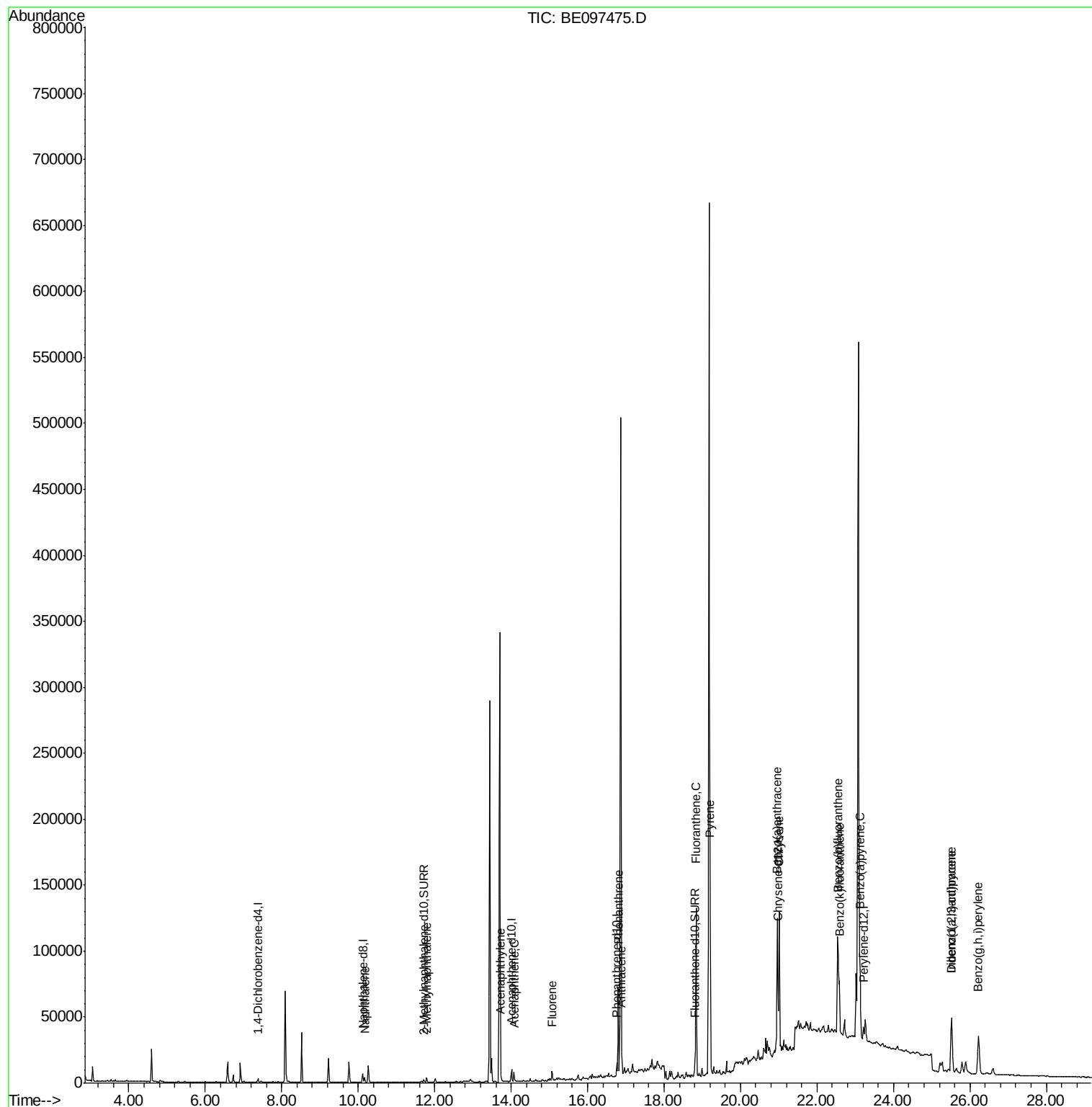
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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ALS Vial : 28 Sample Multiplier: 1

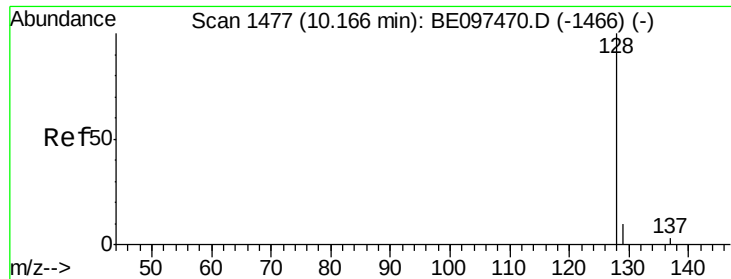
Instrument :
BNA_E
ClientSampleId :
A3YY4

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Quant Time: Sep 13 08:20:31 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





#3

Naphthalene

Concen: 0.345 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

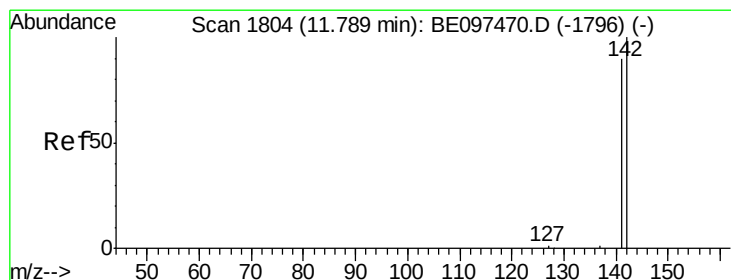
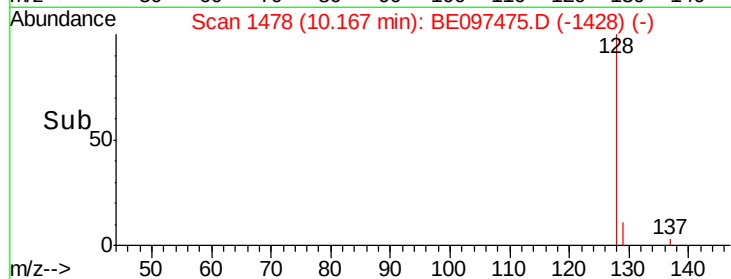
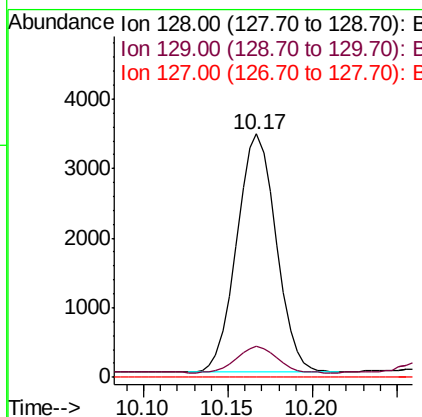
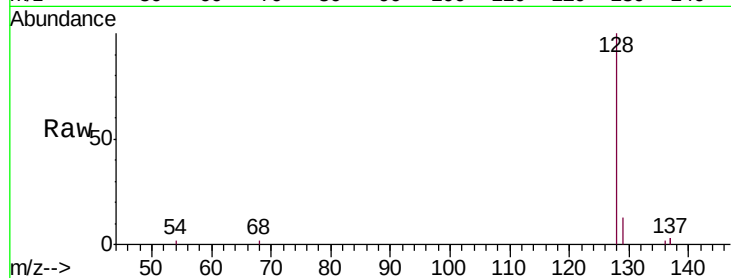
ClientSampleId :

A3YY4

Tgt Ion:	128	Resp:	5559
Ion Ratio	Lower	Upper	
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.289 ng/ul

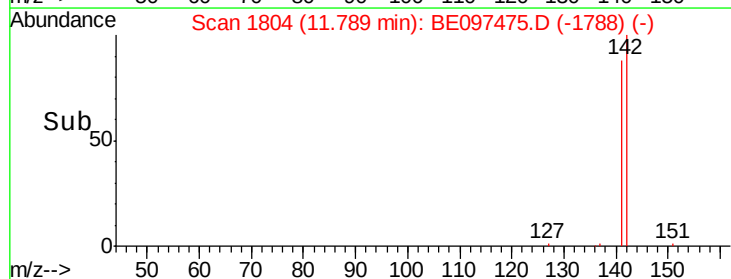
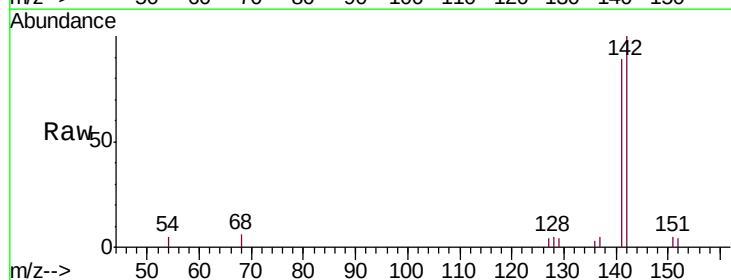
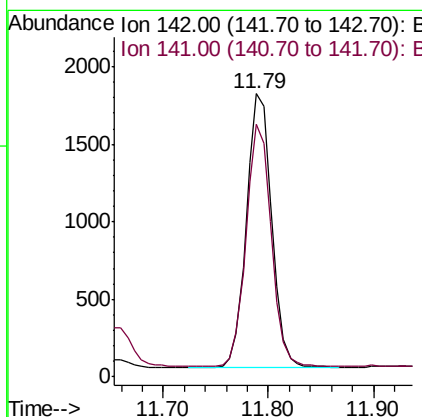
RT: 11.79 min Scan# 1804

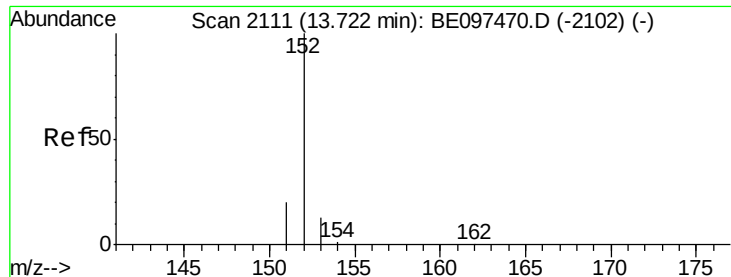
Delta R.T. 0.00 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Tgt Ion:	142	Resp:	2950
Ion Ratio	Lower	Upper	
142	100		
141	87.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.351 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

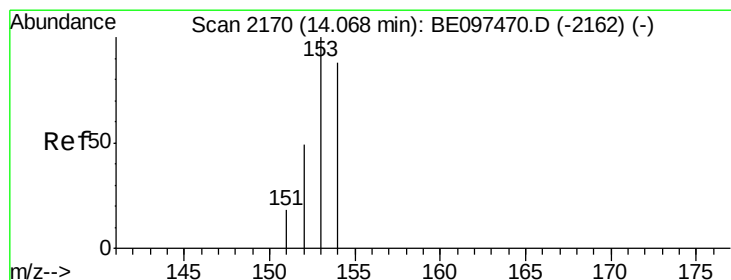
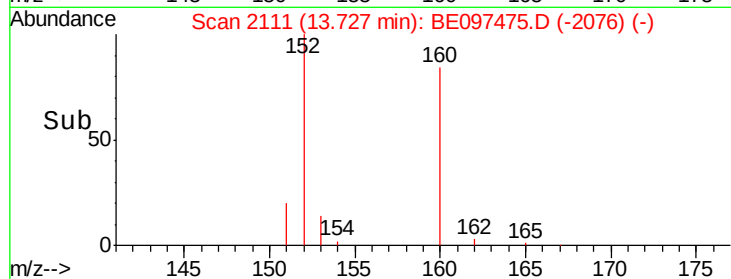
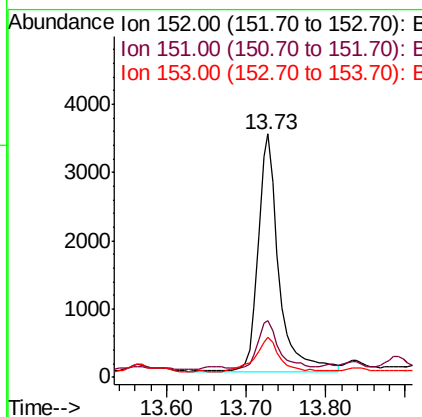
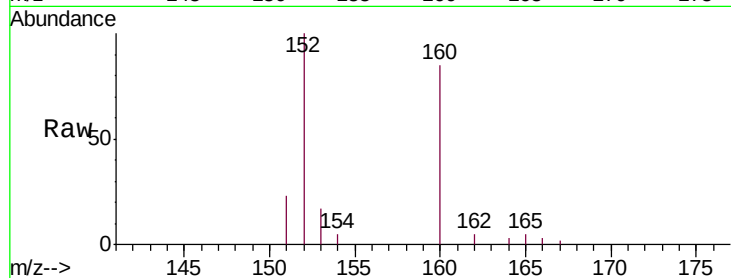
ClientSampleId :

A3YY4

Tgt Ion:	152	Resp:	6300
Ion Ratio	Lower	Upper	
152	100		
151	23.2	17.1	25.7
153	16.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.278 ng/ul

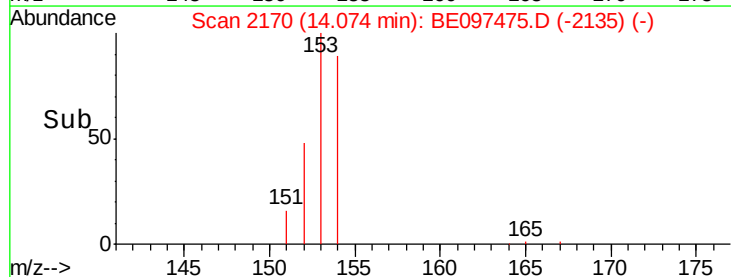
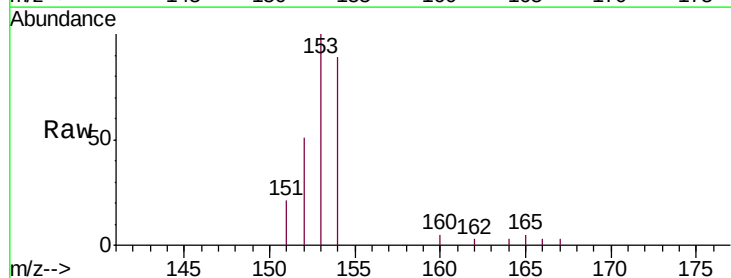
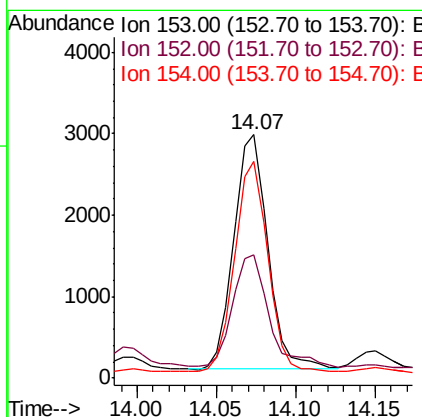
RT: 14.07 min Scan# 2170

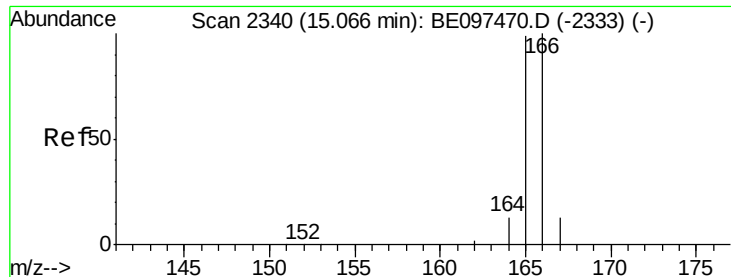
Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Tgt Ion:	153	Resp:	4291
Ion Ratio	Lower	Upper	
153	100		
152	50.6	36.0	54.0
154	88.9	72.0	108.0





#9

Fluorene

Concen: 0.249 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

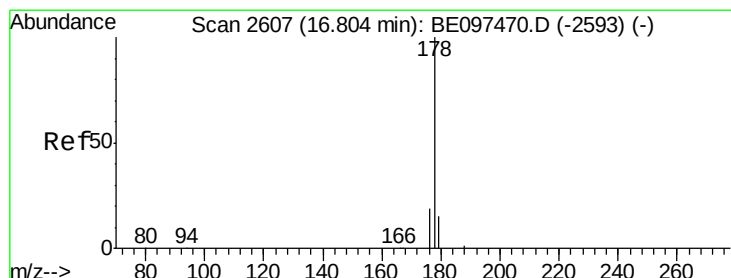
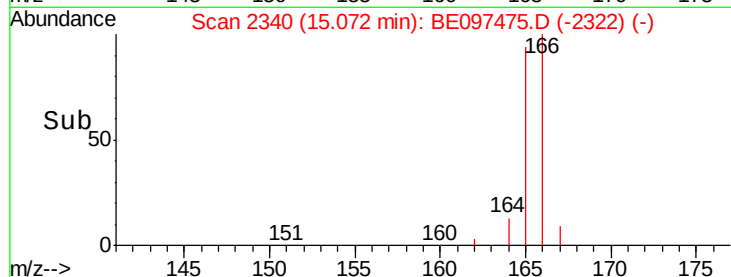
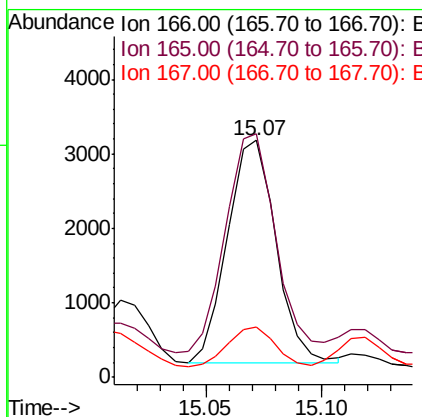
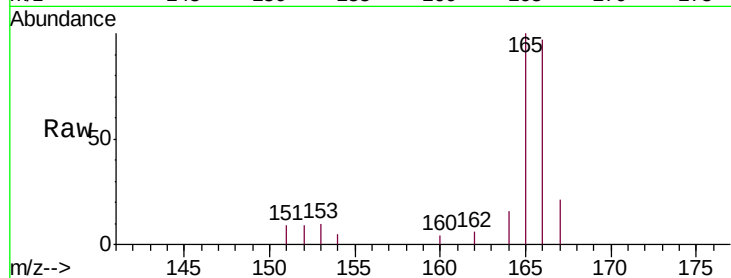
ClientSampleId :

A3YY4

Tgt Ion:	166	Resp:	4398
Ion Ratio	Lower	Upper	
166	100		
165	102.8	73.4	110.2
167	21.2	14.6	22.0

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#12

Phenanthrene

Concen: 2.150 ng/ul m

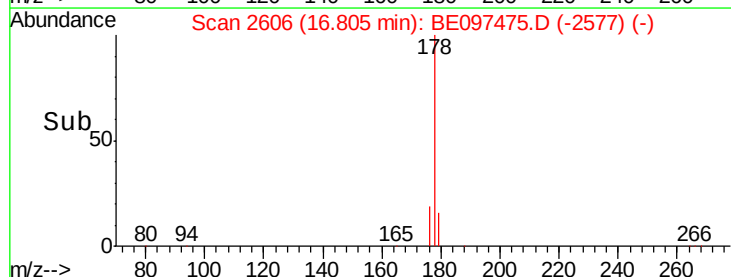
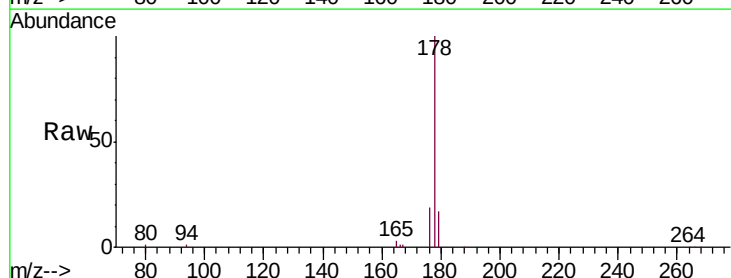
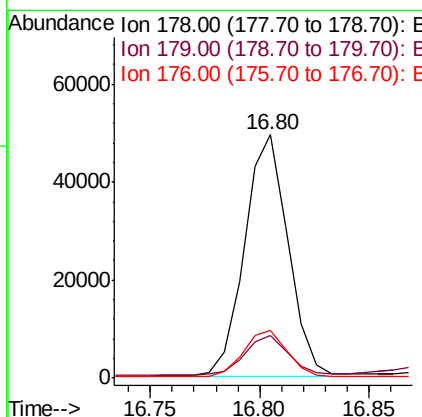
RT: 16.80 min Scan# 2606

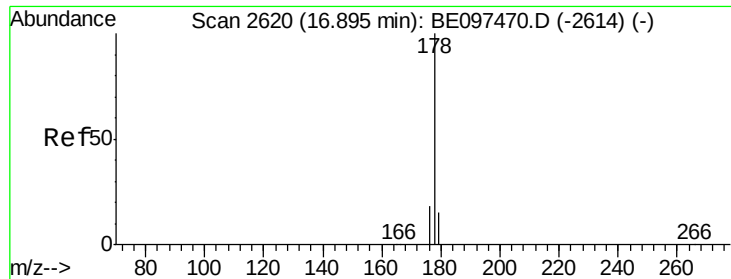
Delta R.T. 0.00 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Tgt Ion:	178	Resp:	68268
Ion Ratio	Lower	Upper	
178	100		
179	17.3	18.4	27.6#
176	19.5	13.6	20.4





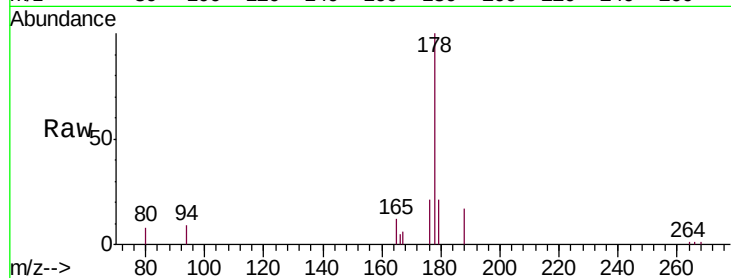
#13
 Anthracene
 Concen: 0.530 ng/ul m
 RT: 16.90 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BE097475.D
 Acq: 13 Sep 2018 6:09

Instrument :
 BNA_E
 ClientSampleId :
 A3YY4

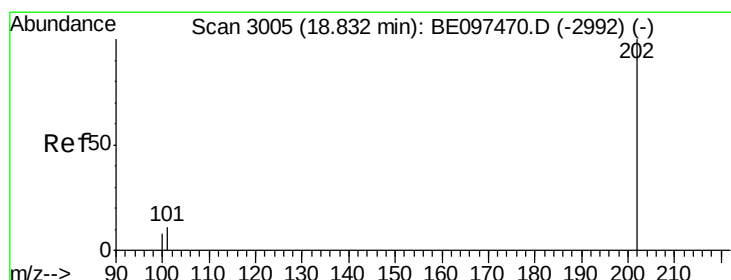
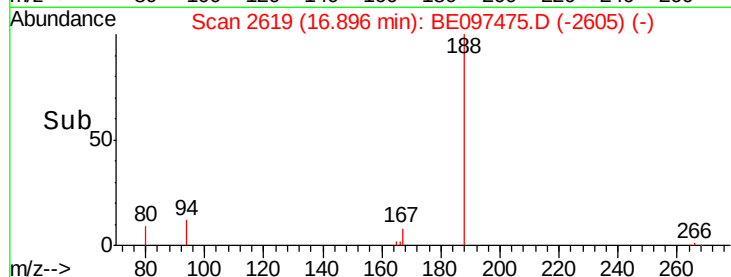
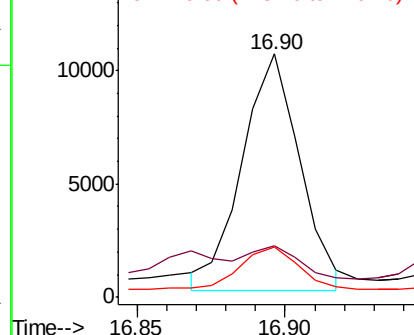
Tgt Ion:	178	Resp:	14158
Ion Ratio	Lower	Upper	
178	100		
179	21.3	18.1	27.1
176	20.8	14.7	22.1

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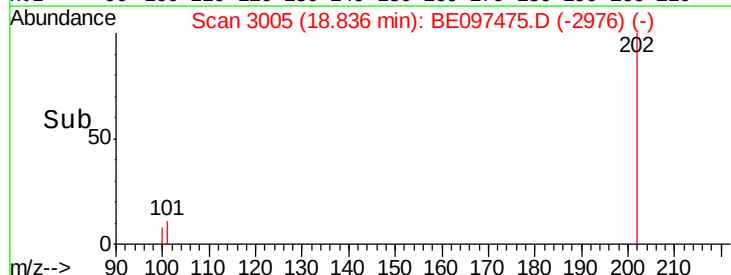
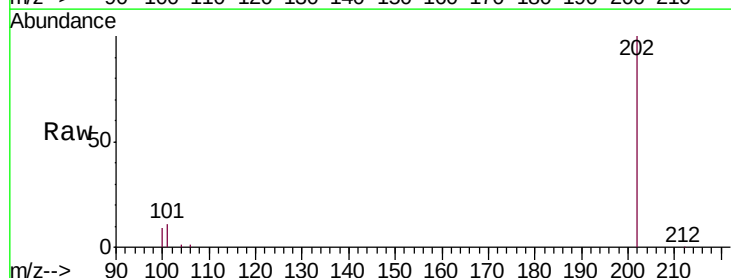
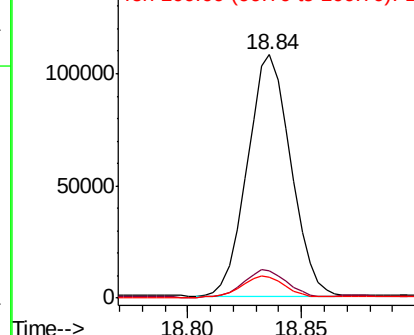
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

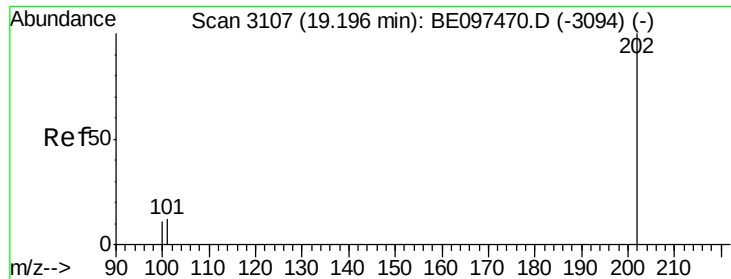


#15
 Fluoranthene
 Concen: 3.534 ng/ul m
 RT: 18.84 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: BE097475.D
 Acq: 13 Sep 2018 6:09

Tgt Ion:	202	Resp:	144130
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.3
100	8.6	0.0	39.5

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 4.400 ng/ul m

RT: 19.20 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

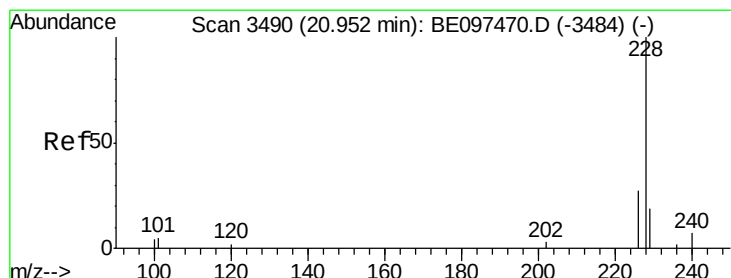
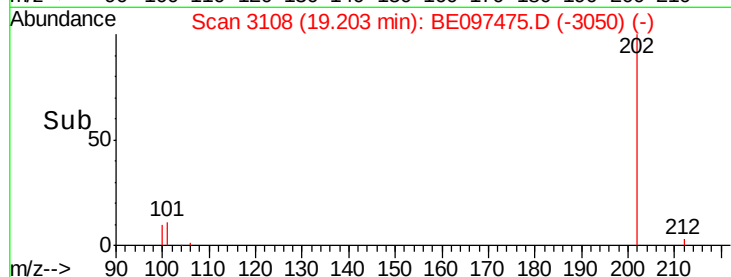
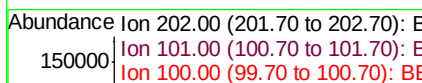
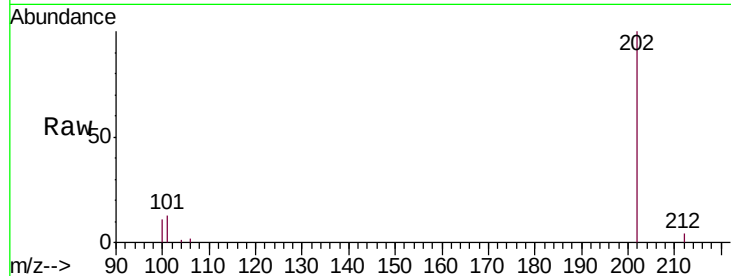
ClientSampleId :

A3YY4

Tgt Ion:	202	Resp:	148904
Ion Ratio	Lower	Upper	
202	100		
101	12.9	18.2	27.4#
100	10.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.386 ng/ul m

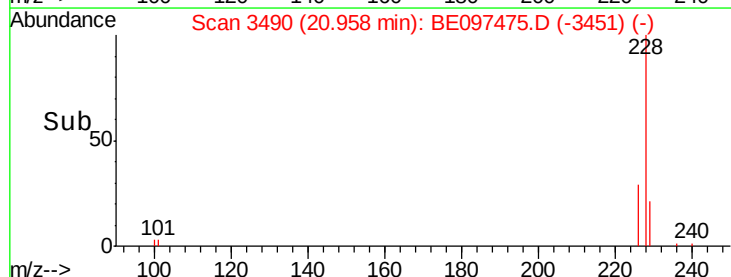
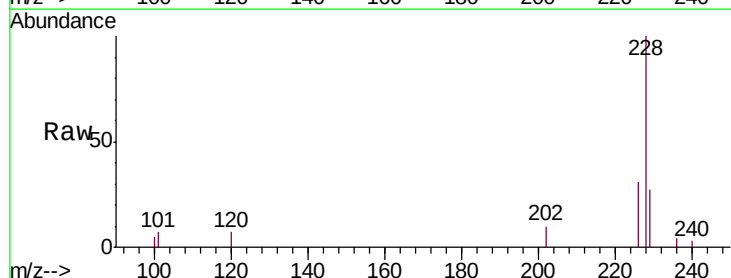
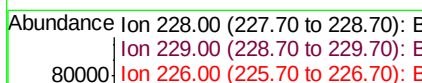
RT: 20.96 min Scan# 3490

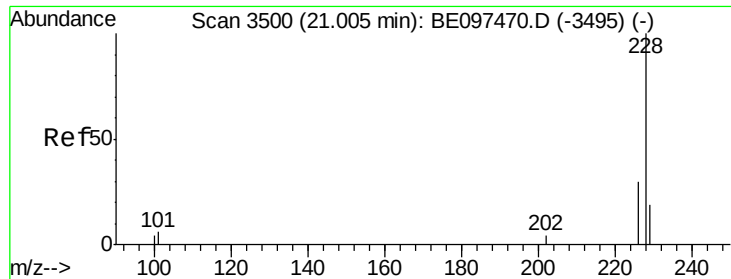
Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Tgt Ion:	228	Resp:	77088
Ion Ratio	Lower	Upper	
228	100		
229	27.0	22.8	34.2
226	31.4	17.0	25.6#





#19

Chrysene

Concen: 2.592 ng/ul m

RT: 21.01 min Scan# 3500

Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

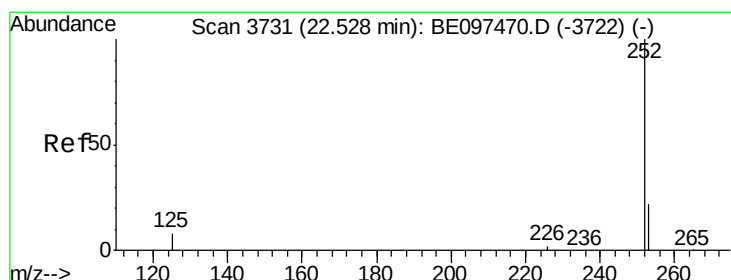
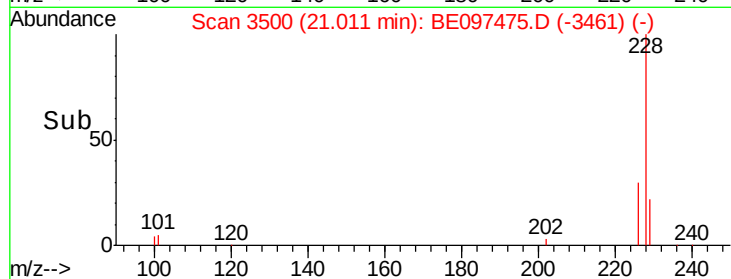
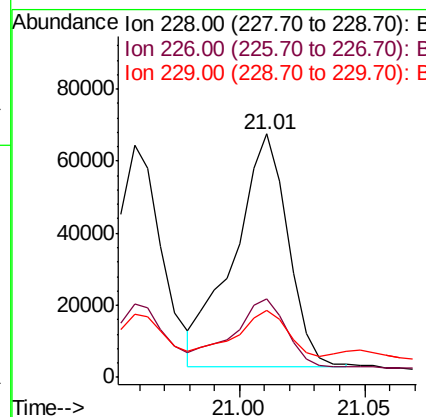
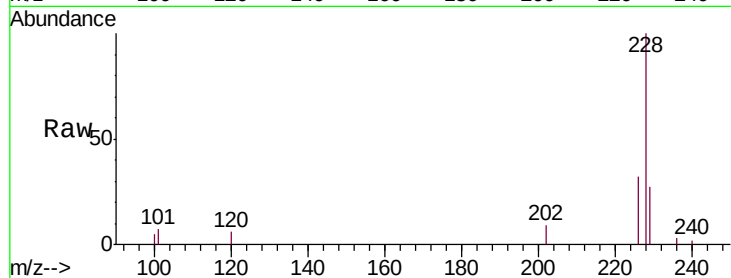
ClientSampleId :

A3YY4

Tgt Ion:	228	Resp:	96457
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.0
229	27.4	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 3.613 ng/ul m

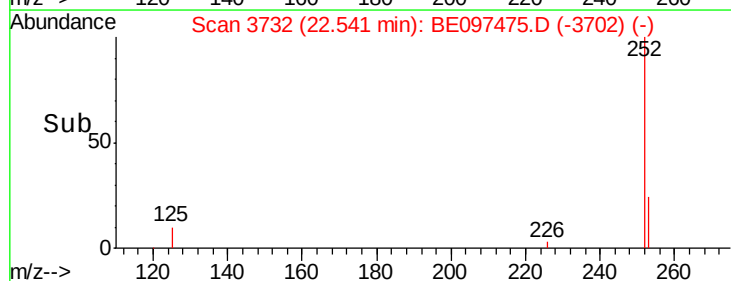
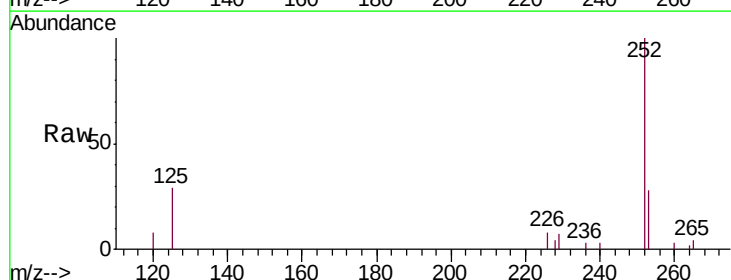
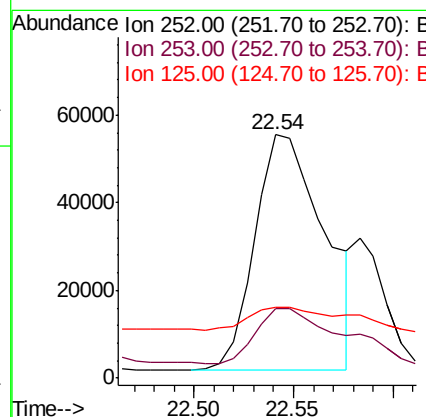
RT: 22.54 min Scan# 3732

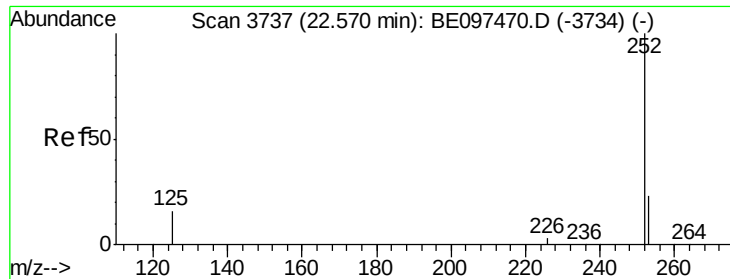
Delta R.T. 0.01 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Tgt Ion:	252	Resp:	130307
Ion Ratio	Lower	Upper	
252	100		
253	28.3	0.0	64.2
125	29.2	0.0	35.0





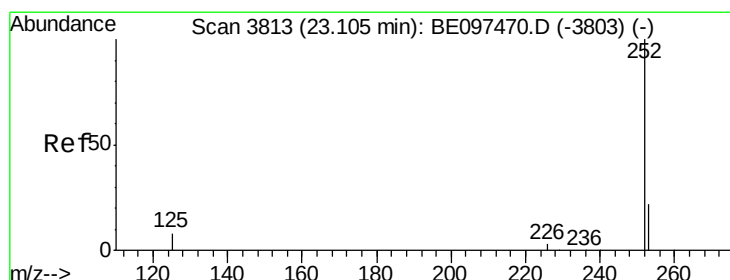
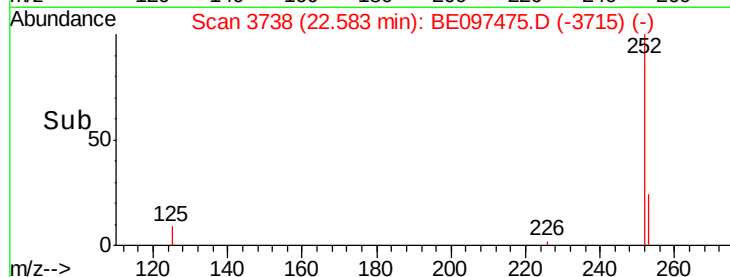
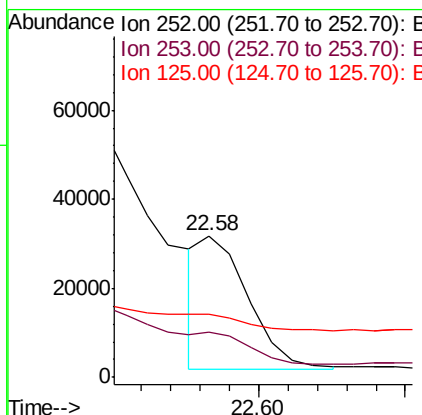
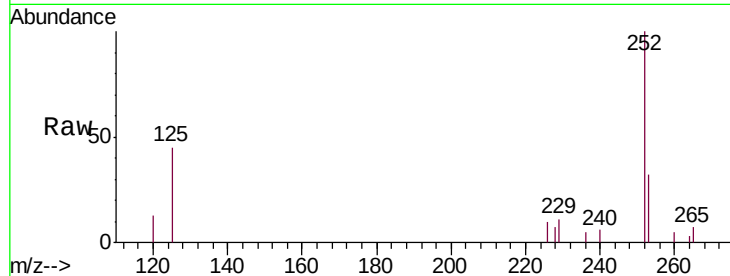
#22
Benzo(k)fluoranthene
Concen: 0.853 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097475.D
Acq: 13 Sep 2018 6:09

Instrument :
BNA_E
ClientSampleId :
A3YY4

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	31.8	24.5	36.7
125	44.8	13.7	20.5#

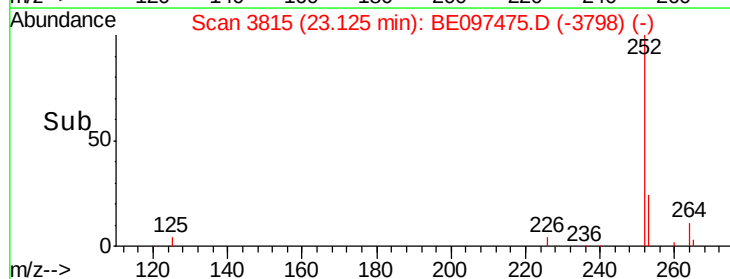
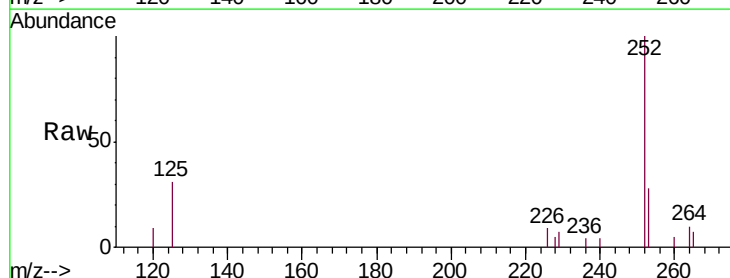
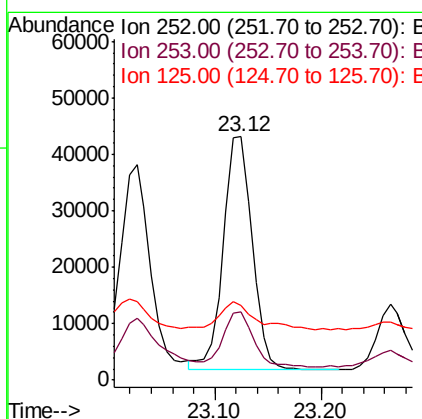
Manual Integrations
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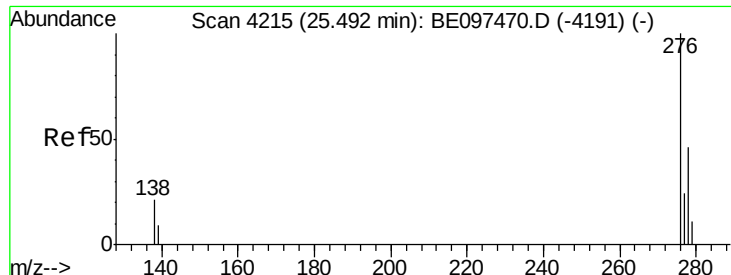
Sohil
9/13/2018 5:42:44 PM



#23
Benzo(a)pyrene
Concen: 2.354 ng/ul
RT: 23.12 min Scan# 3815
Delta R.T. 0.02 min
Lab File: BE097475.D
Acq: 13 Sep 2018 6:09

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.9	28.5	42.7#
125	30.7	18.1	27.1#





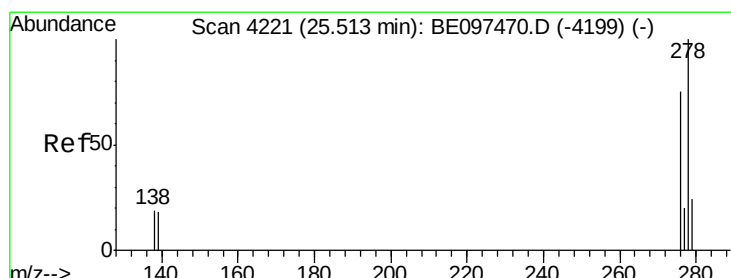
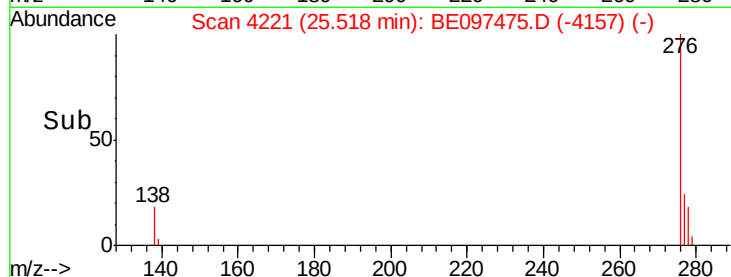
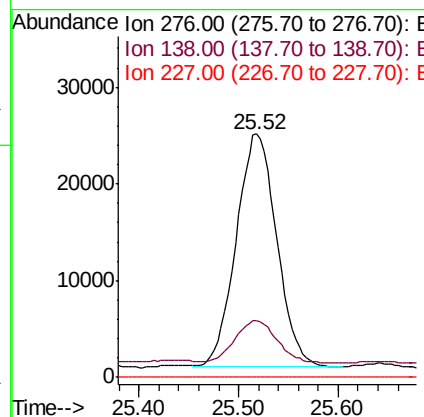
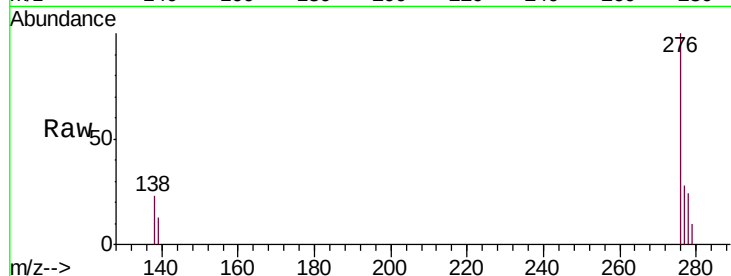
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.577 ng/ul
 RT: 25.52 min Scan# 4221
 Delta R.T. 0.03 min
 Lab File: BE097475.D
 Acq: 13 Sep 2018 6:09

Instrument :
 BNA_E
 ClientSampleId :
 A3YY4

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#

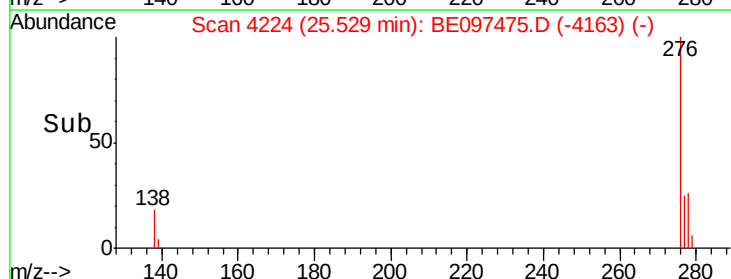
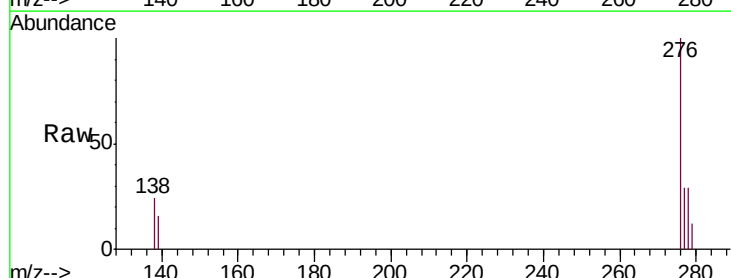
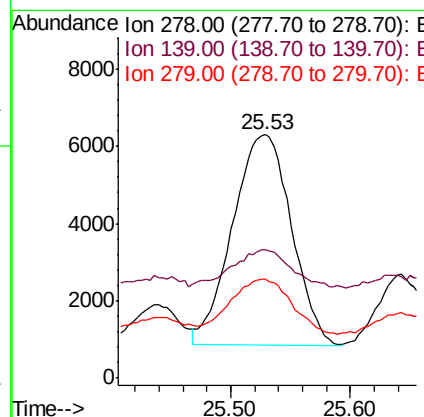
Manual Integrations
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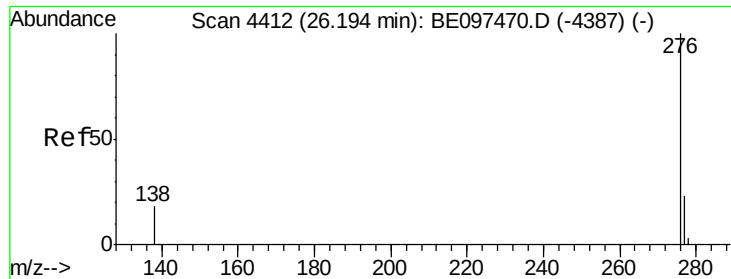
Sohil
 9/13/2018 5:42:44 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.511 ng/ul
 RT: 25.53 min Scan# 4224
 Delta R.T. 0.02 min
 Lab File: BE097475.D
 Acq: 13 Sep 2018 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	53.0	17.4	26.0#
279	40.5	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 1.749 ng/ul

RT: 26.22 min Scan# 4419

Delta R.T. 0.03 min

Lab File: BE097475.D

Acq: 13 Sep 2018 6:09

Instrument :

BNA_E

ClientSampleId :

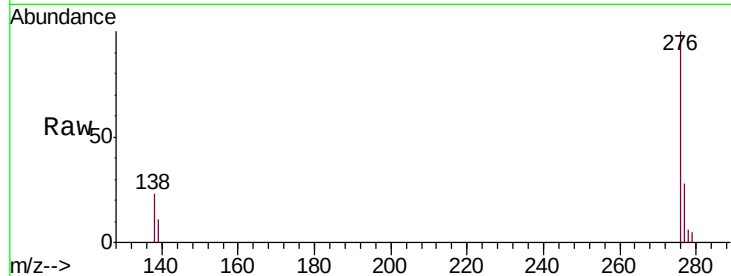
A3YY4

Tgt Ion:	276	Resp:	64489
Ion Ratio		Lower	Upper
276	100		
138	23.3	21.8	32.8
277	27.8	20.5	30.7

Manual Integrations
APPROVED

Sohil

9/13/2018 5:42:44 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

