

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097471.D
 Acq On : 13 Sep 2018 3:40
 Operator : SJ/JU
 Sample : J4792-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:38 PM

Quant Time: Sep 13 08:02:43 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	7.37	152	1306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	7305	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	5237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	11561m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	10680m	0.40	ng/ul	0.02
20) Perylene-d12	23.24	264	10714m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3348	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9707m	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.16	128	14764	0.829	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	3066	0.272	ng/ul	97
7) Acenaphthylene	13.72	152	3022	0.158	ng/ul#	71
8) Acenaphthene	14.07	153	2417	0.147	ng/ul#	88
9) Fluorene	15.07	166	4560	0.243	ng/ul#	82
12) Phenanthrene	16.80	178	44046m	1.480	ng/ul	
13) Anthracene	16.90	178	13304m	0.532	ng/ul	
15) Fluoranthene	18.84	202	106989m	2.798	ng/ul	
17) Pyrene	19.21	202	144156m	5.016	ng/ul	
18) Benzo(a)anthracene	20.97	228	82610m	3.011	ng/ul	
19) Chrysene	21.02	228	109988m	3.480	ng/ul	
21) Benzo(b)fluoranthene	22.56	252	134641m	4.693	ng/ul	
22) Benzo(k)fluoranthene	22.60	252	41264m	1.290	ng/ul	
23) Benzo(a)pyrene	23.14	252	70568m	2.659	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.55	276	56788m	1.651	ng/ul	
25) Dibenzo(a,h)anthracene	25.56	278	17186m	0.590	ng/ul	
26) Benzo(g,h,i)perylene	26.27	276	52930m	1.805	ng/ul	

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

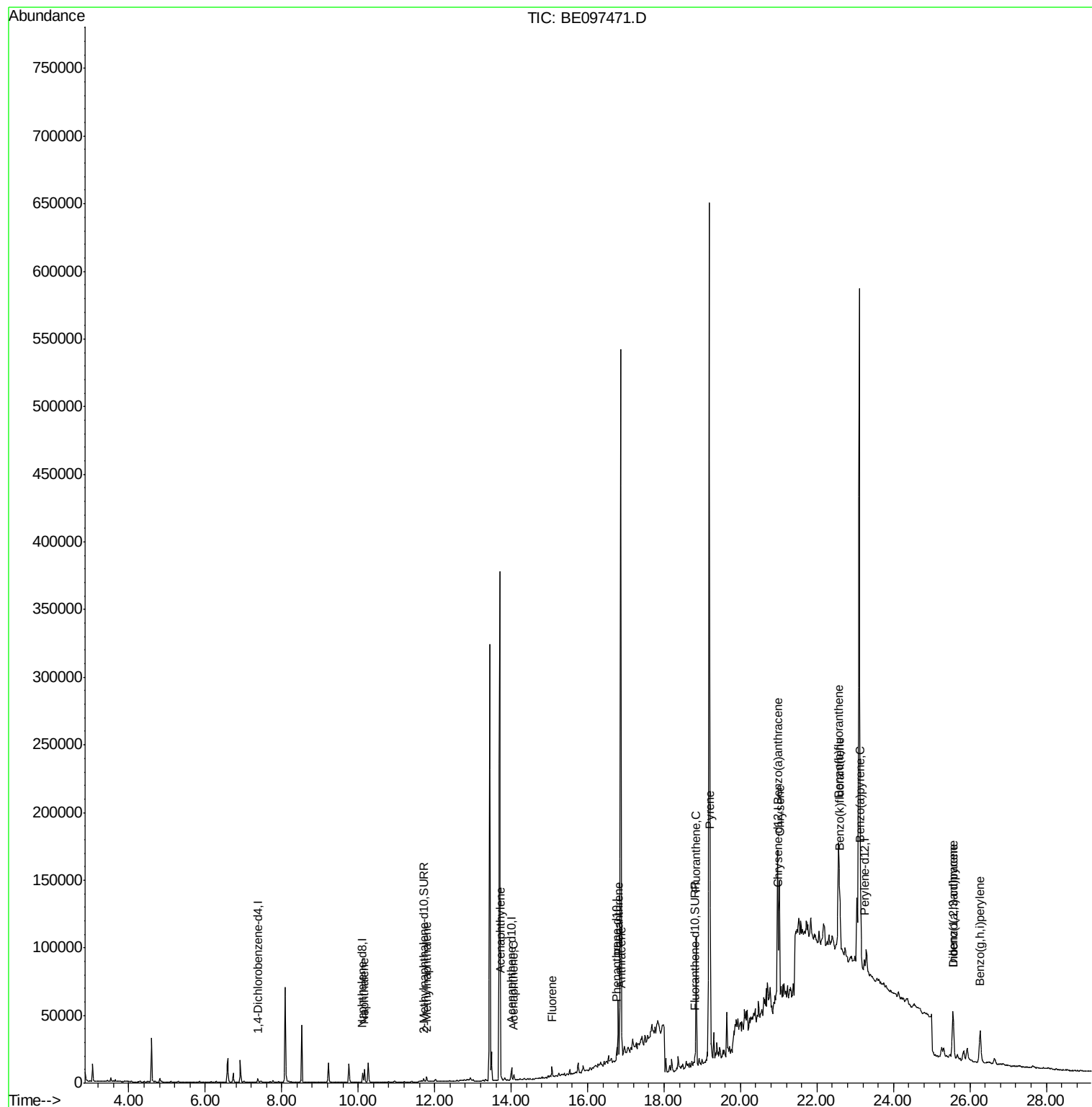
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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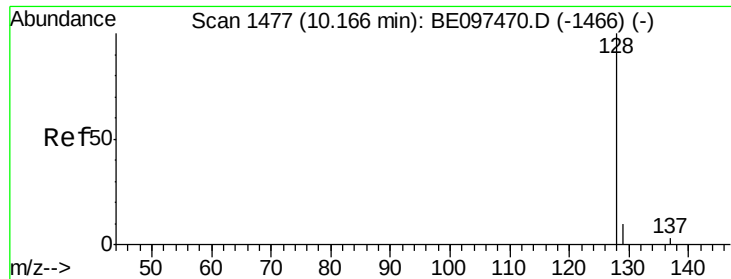
Instrument :
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Quant Time: Sep 13 08:02:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
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QLast Update : Thu Sep 13 07:48:38 2018
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#3

Naphthalene

Concen: 0.829 ng/ul

RT: 10.16 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

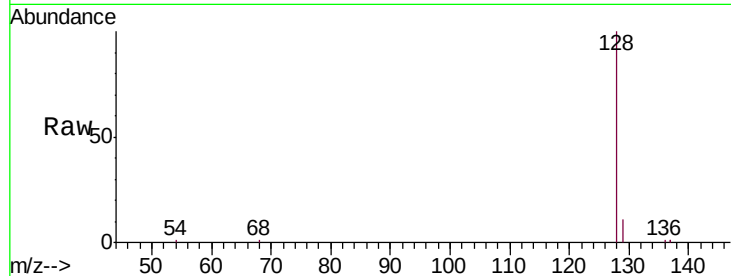
ClientSampleId :

A3YZ5

Tgt Ion:	128	Resp:	14764
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

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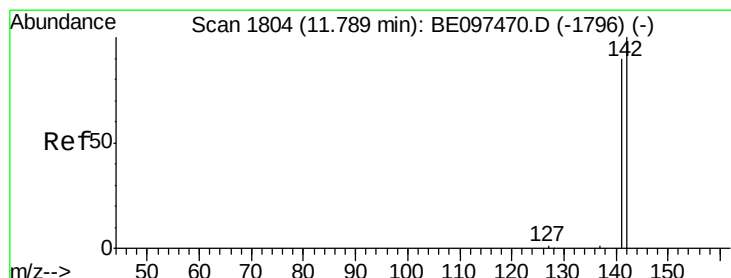
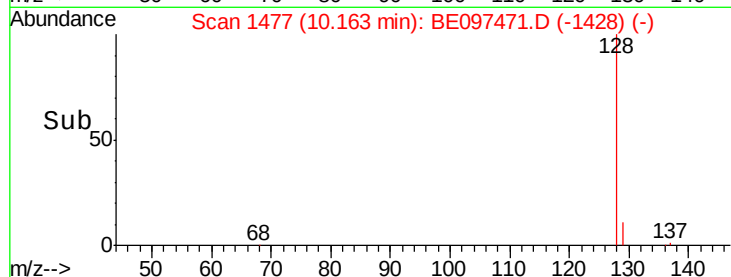
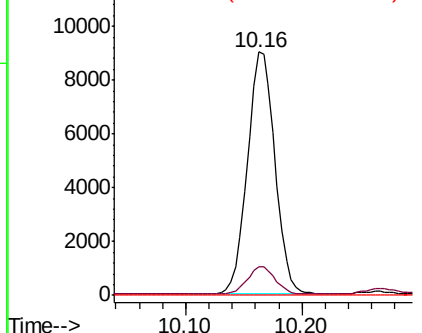
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.272 ng/ul

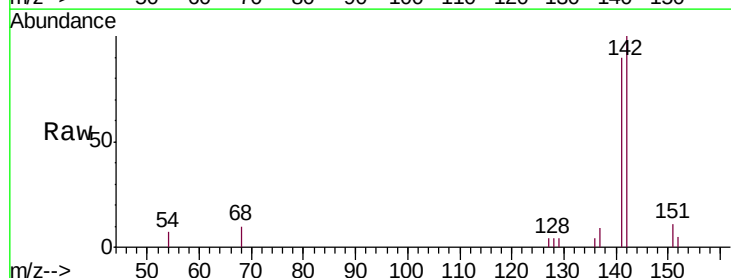
RT: 11.79 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BE097471.D

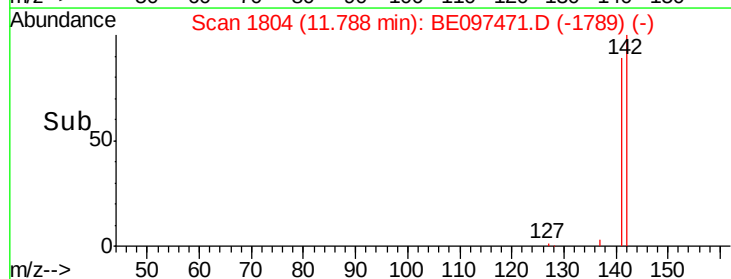
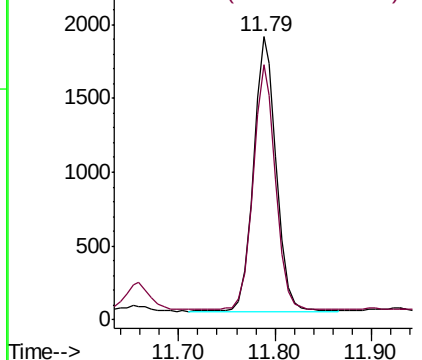
Acq: 13 Sep 2018 3:40

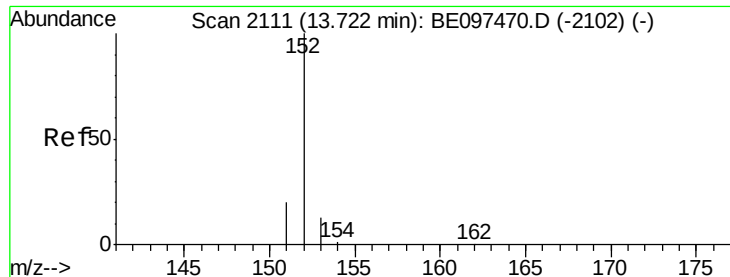
Tgt Ion:	142	Resp:	3066
Ion Ratio	Lower	Upper	
142	100		
141	87.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.158 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

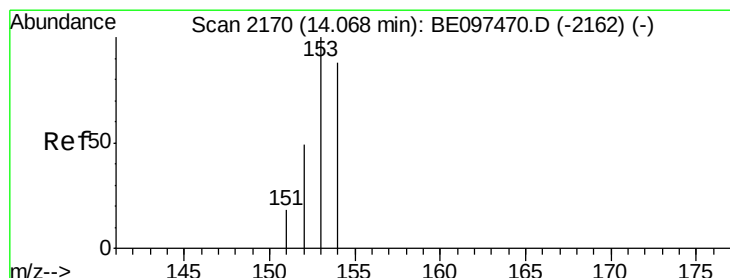
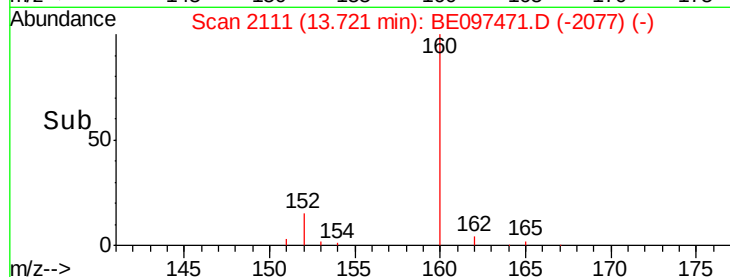
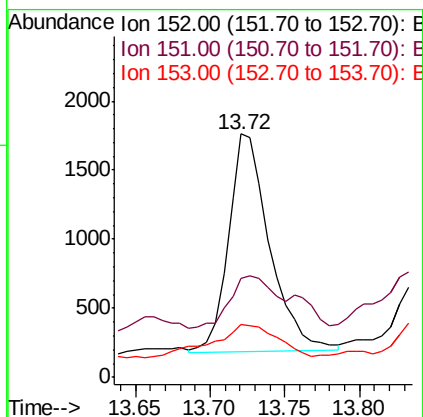
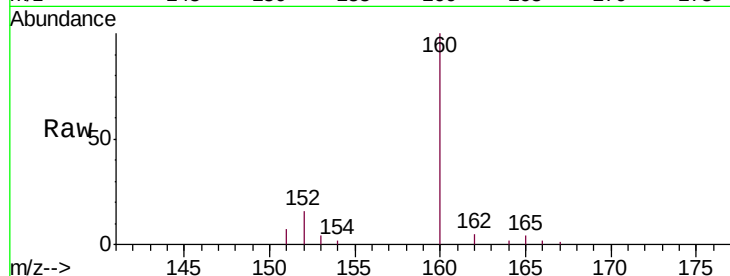
ClientSampleId :

A3YZ5

Tgt Ion:	152	Resp:	3022
Ion Ratio	Lower	Upper	
152	100		
151	40.7	17.1	25.7#
153	22.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.147 ng/ul

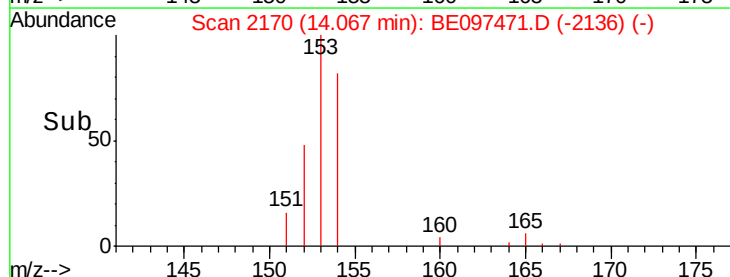
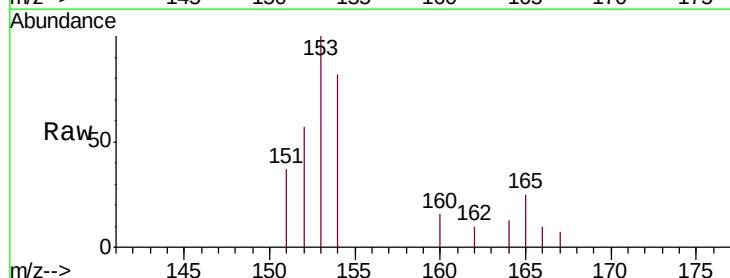
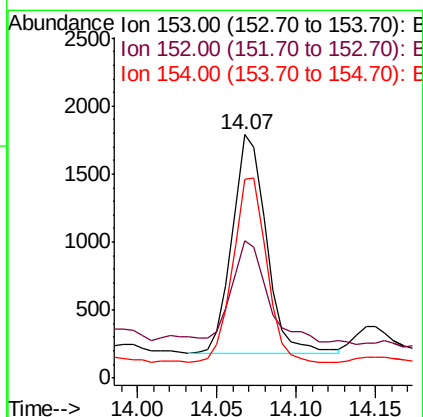
RT: 14.07 min Scan# 2170

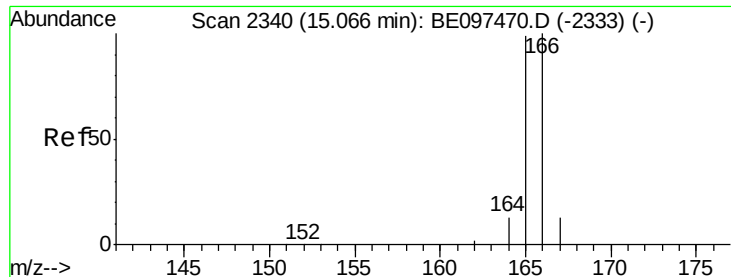
Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Tgt Ion:	153	Resp:	2417
Ion Ratio	Lower	Upper	
153	100		
152	56.5	36.0	54.0#
154	81.8	72.0	108.0





#9

Fluorene

Concen: 0.243 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

ClientSampleId :

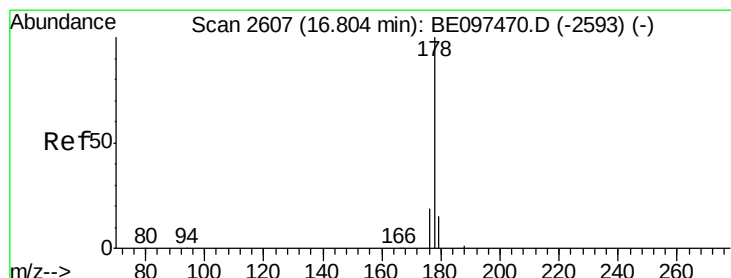
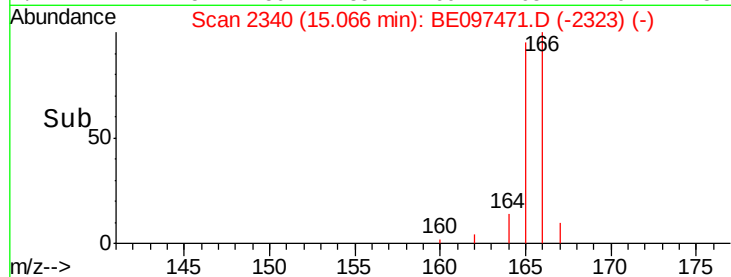
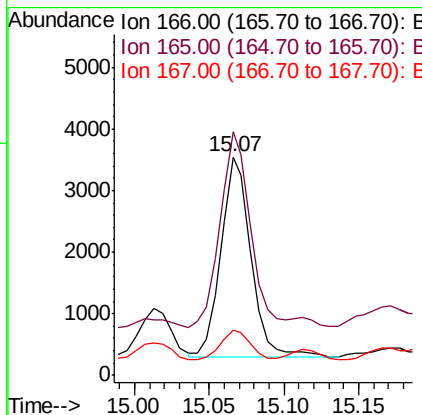
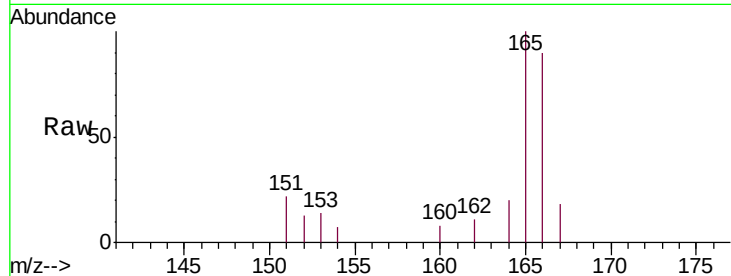
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	111.6	73.4	110.2#
167	20.6	14.6	22.0

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#12

Phenanthrene

Concen: 1.480 ng/ul m

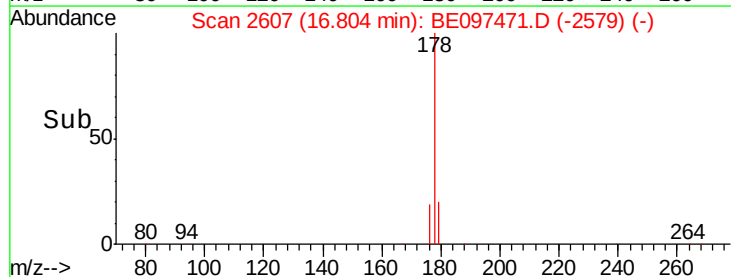
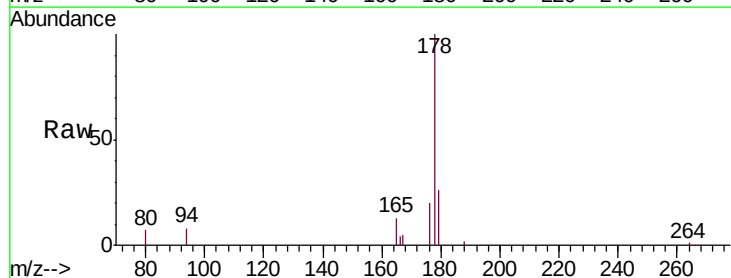
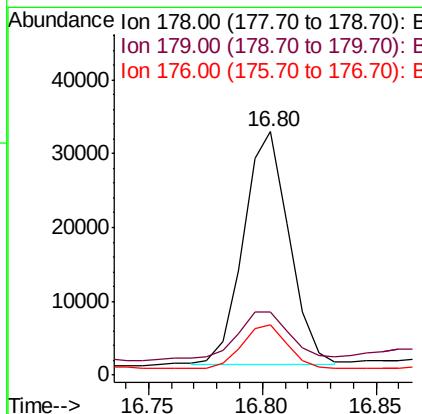
RT: 16.80 min Scan# 2607

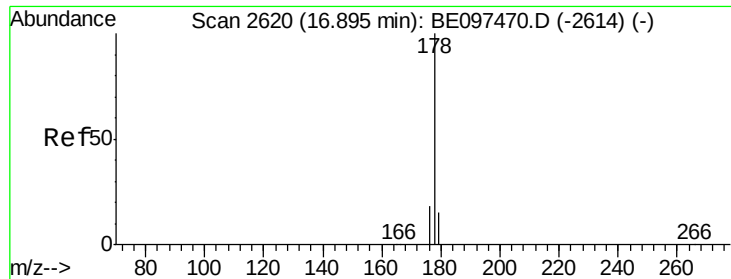
Delta R.T. 0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.9	18.4	27.6
176	20.5	13.6	20.4#





#13

Anthracene

Concen: 0.532 ng/ul m

RT: 16.90 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

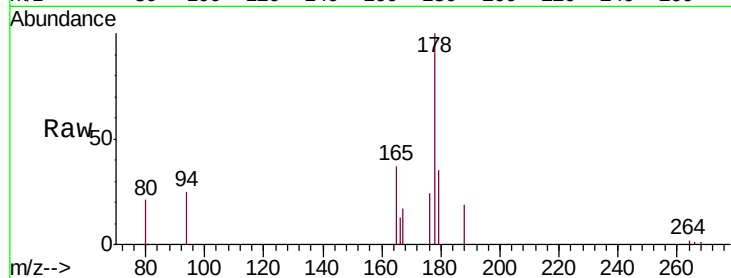
ClientSampleId :

A3YZ5

Tgt Ion:	178	Resp:	13304
Ion Ratio	Lower	Upper	
178	100		
179	35.3	18.1	27.1#
176	24.3	14.7	22.1#

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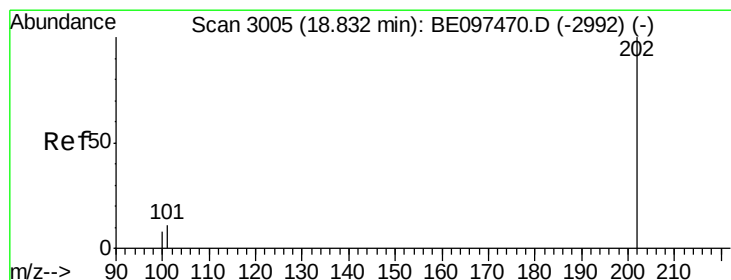
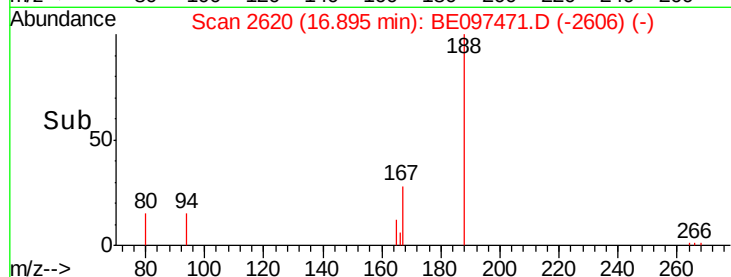
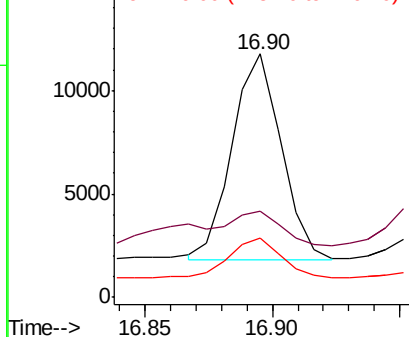


Abundance

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: 2.798 ng/ul m

RT: 18.84 min Scan# 3007

Delta R.T. 0.01 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

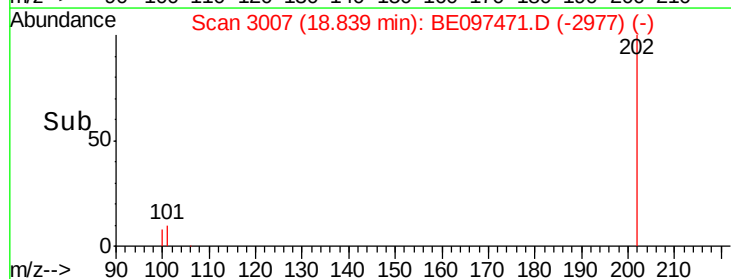
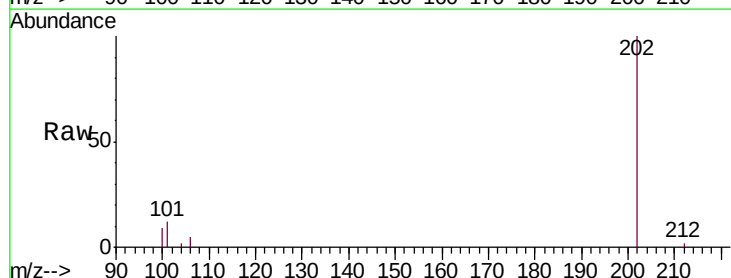
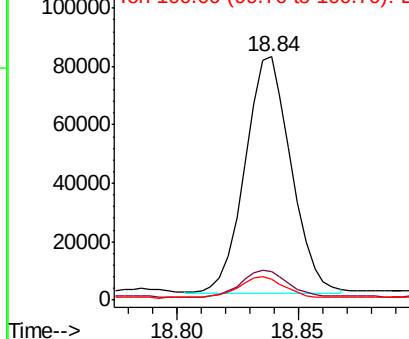
Tgt Ion:	202	Resp:	106989
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.3
100	8.7	0.0	39.5

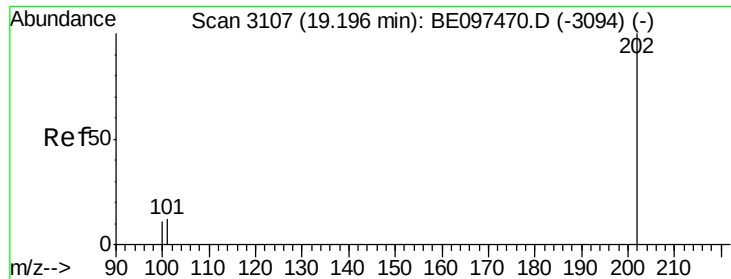
Abundance

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





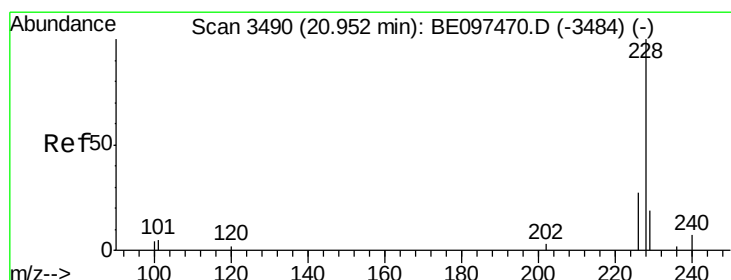
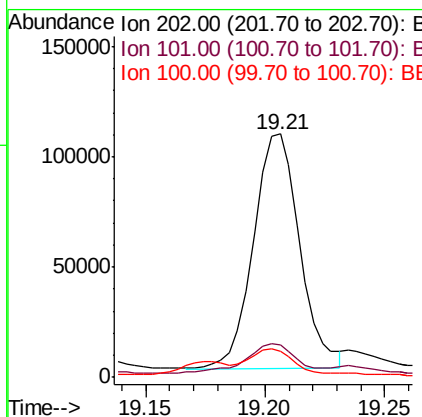
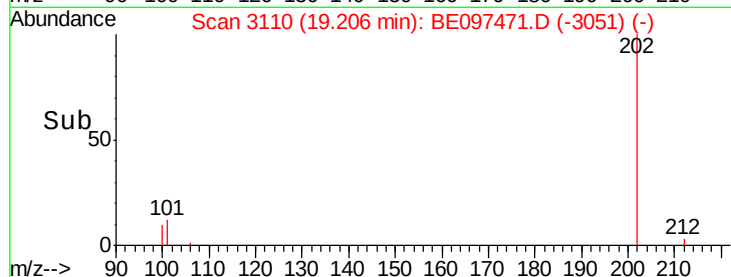
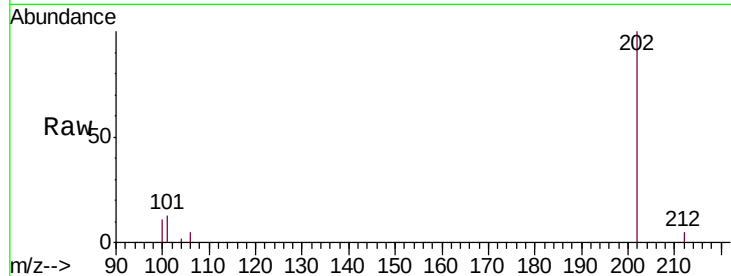
#17
Pyrene
Concen: 5.016 ng/ul m
RT: 19.21 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BE097471.D
Acq: 13 Sep 2018 3:40

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BNA_E
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	18.2	27.4#
100	10.7	15.6	23.4#

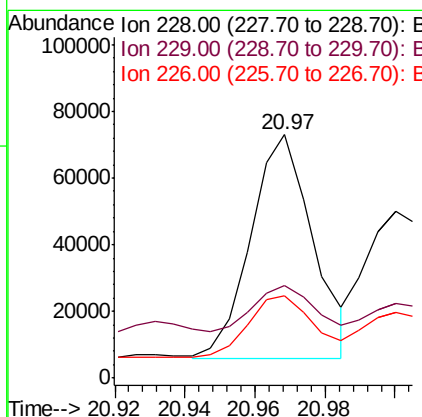
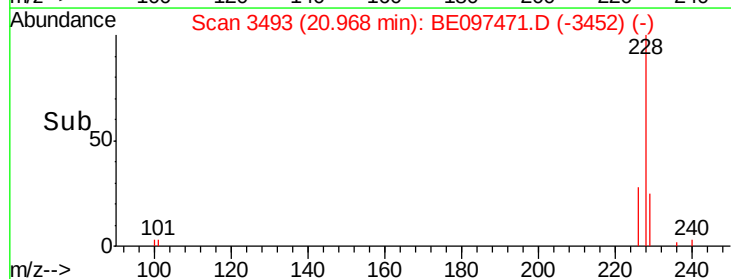
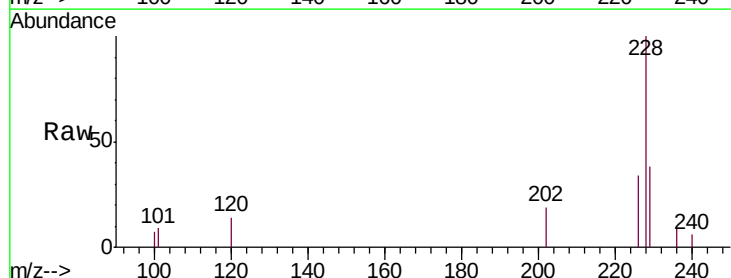
Manual Integrations
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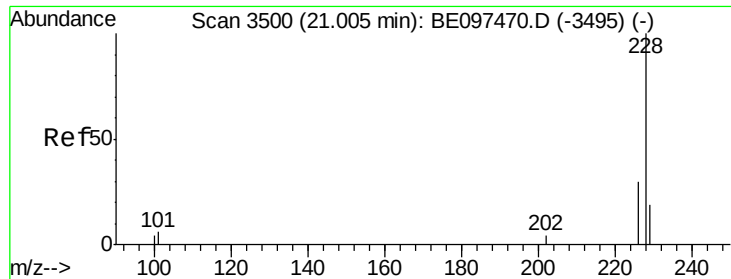
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#18
Benzo(a)anthracene
Concen: 3.011 ng/ul m
RT: 20.97 min Scan# 3493
Delta R.T. 0.02 min
Lab File: BE097471.D
Acq: 13 Sep 2018 3:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	38.2	22.8	34.2#
226	34.0	17.0	25.6#





#19

Chrysene

Concen: 3.480 ng/ul m

RT: 21.02 min Scan# 3502

Delta R.T. 0.01 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Instrument :

BNA_E

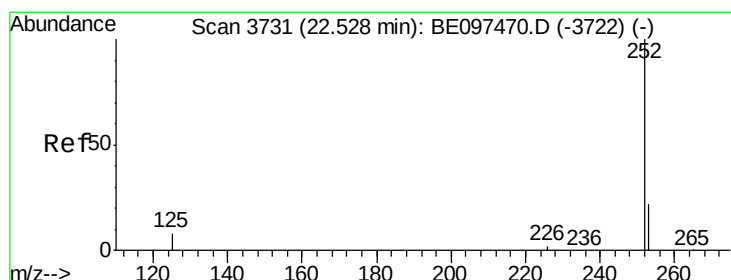
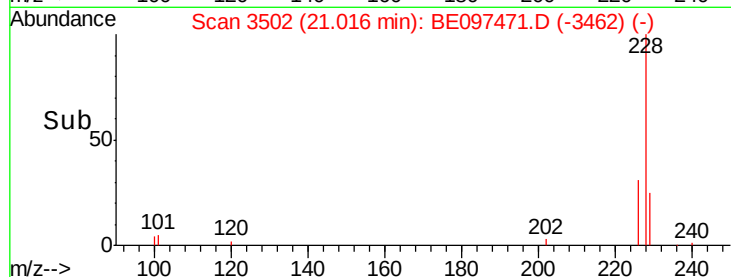
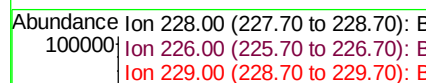
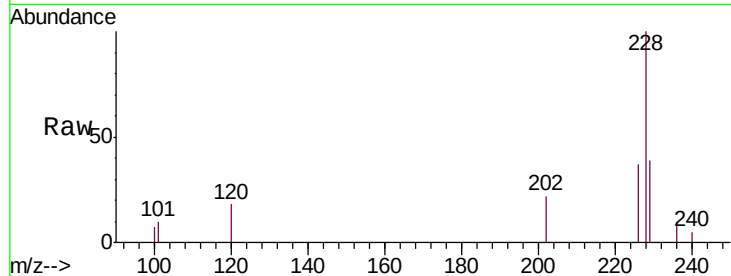
ClientSampleId :

A3YZ5

Tgt Ion:	228	Resp:	109988
Ion Ratio		Lower	Upper
228	100		
226	36.8	23.4	35.0#
229	39.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 4.693 ng/ul m

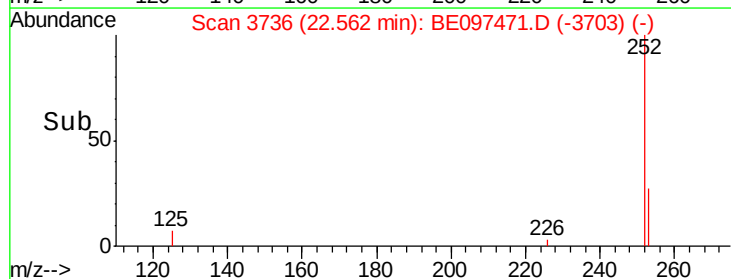
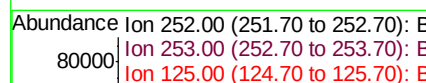
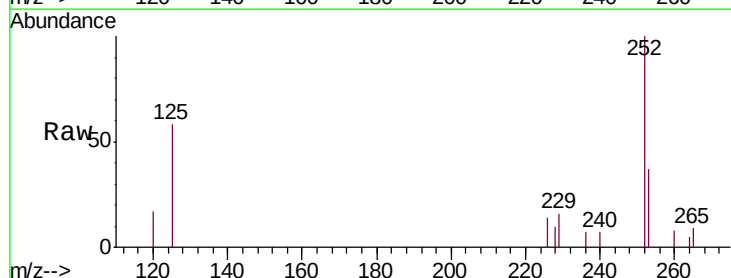
RT: 22.56 min Scan# 3736

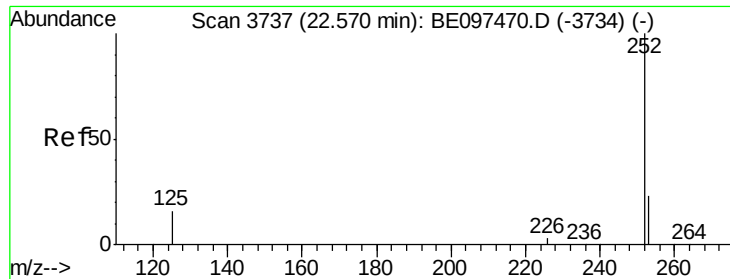
Delta R.T. 0.03 min

Lab File: BE097471.D

Acq: 13 Sep 2018 3:40

Tgt Ion:	252	Resp:	134641
Ion Ratio		Lower	Upper
252	100		
253	37.3	0.0	64.2
125	58.1	0.0	35.0#





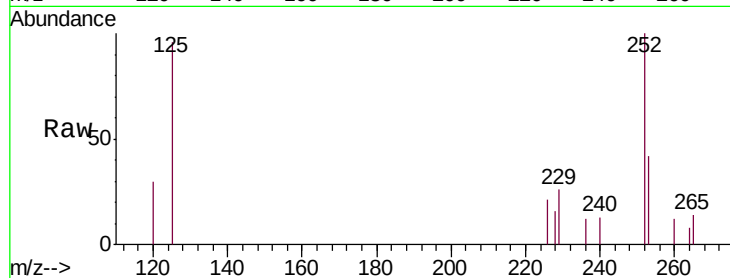
#22
Benzo(k)fluoranthene
Concen: 1.290 ng/ul m
RT: 22.60 min Scan# 3741
Delta R.T. 0.03 min
Lab File: BE097471.D
Acq: 13 Sep 2018 3:40

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.4	24.5	36.7#
125	96.3	13.7	20.5#

Manual Integrations
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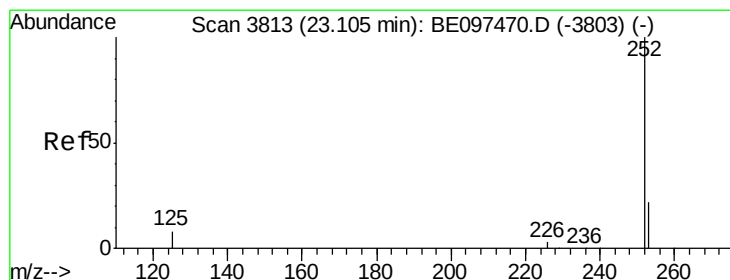
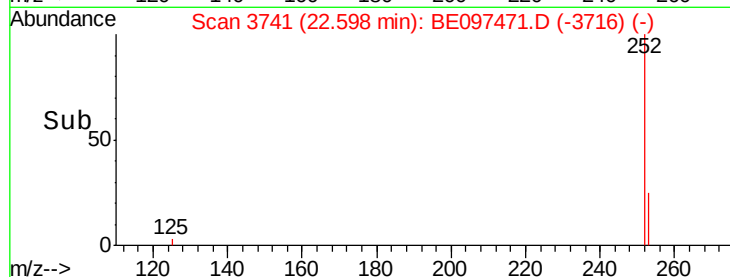
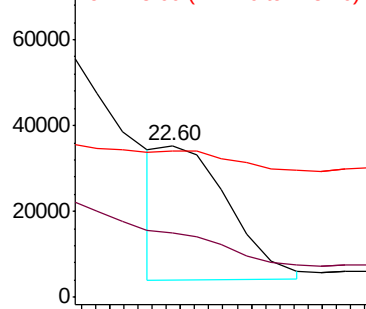


Abundance

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



#23
Benzo(a)pyrene
Concen: 2.659 ng/ul m
RT: 23.14 min Scan# 3818
Delta R.T. 0.03 min
Lab File: BE097471.D
Acq: 13 Sep 2018 3:40

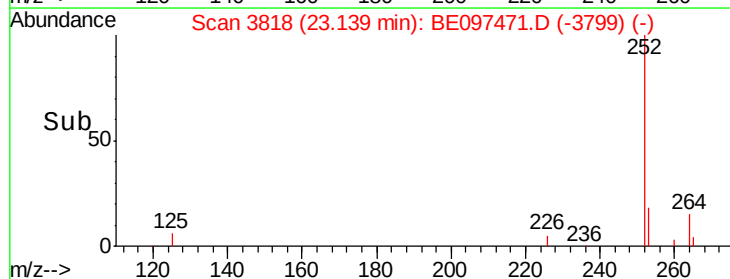
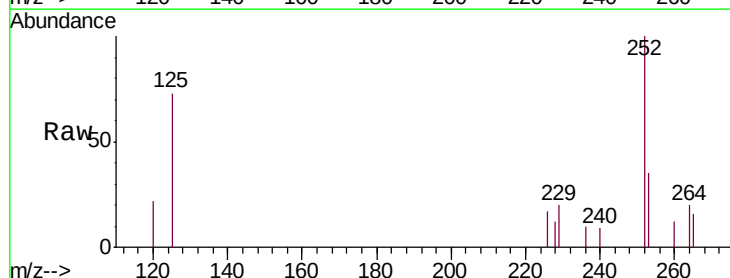
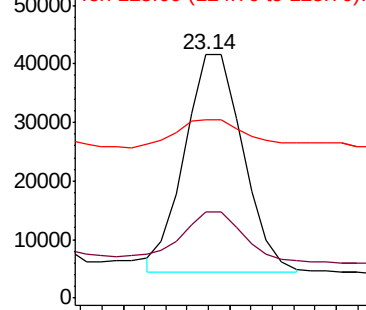
Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.4	28.5	42.7
125	73.5	18.1	27.1#

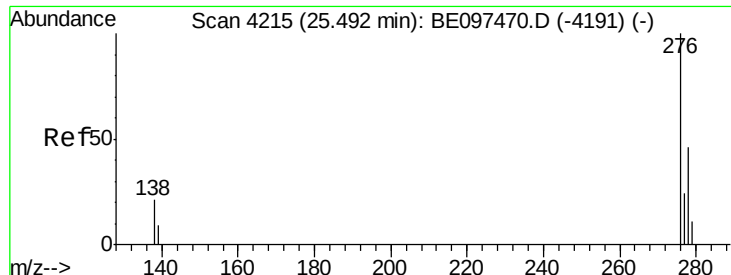
Abundance

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





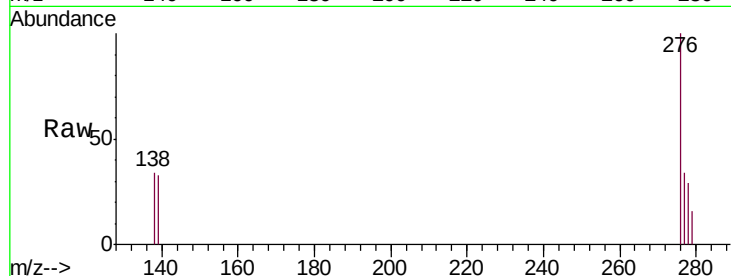
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.651 ng/ul m
 RT: 25.55 min Scan# 4232
 Delta R.T. 0.06 min
 Lab File: BE097471.D
 Acq: 13 Sep 2018 3:40

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	2.3	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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Sohil
 9/13/2018 5:42:38 PM

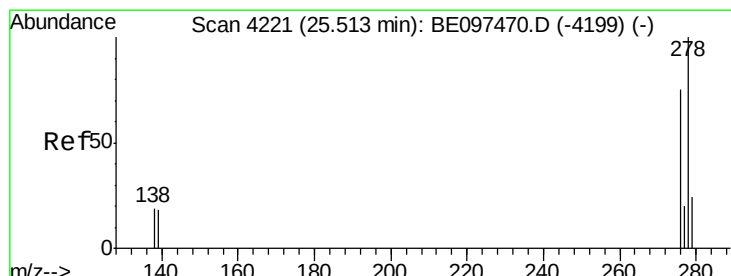
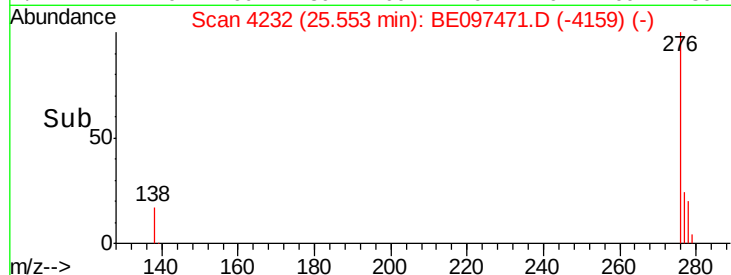
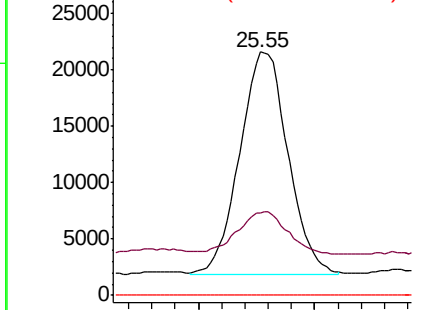


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.590 ng/ul m
 RT: 25.56 min Scan# 4235
 Delta R.T. 0.05 min
 Lab File: BE097471.D
 Acq: 13 Sep 2018 3:40

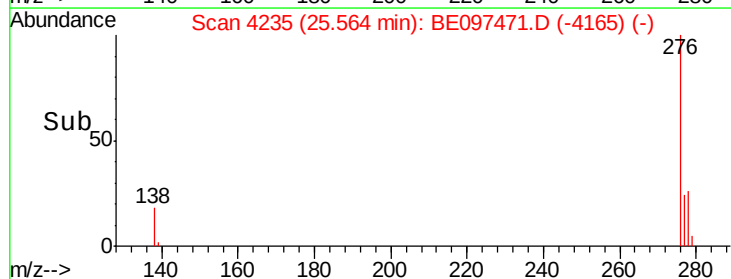
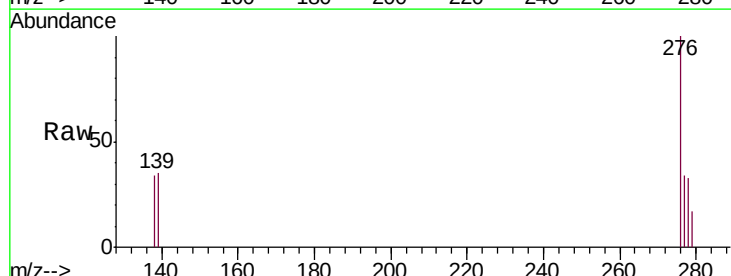
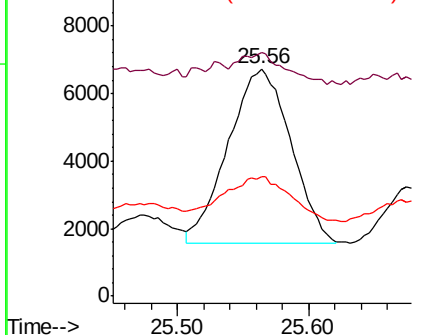
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	107.3	17.4	26.0#
279	52.9	25.9	38.9#

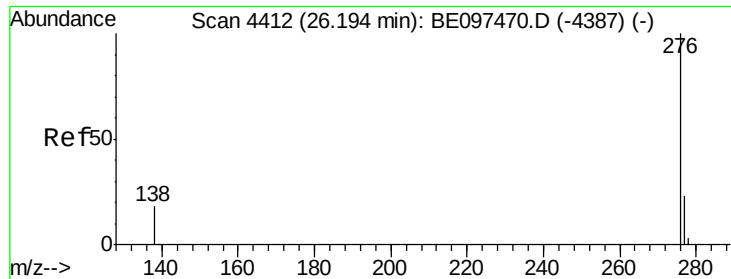
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





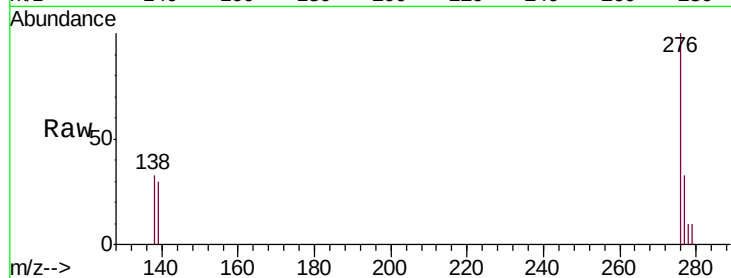
#26
Benzo(g,h,i)perylene
Concen: 1.805 ng/ul m
RT: 26.27 min Scan# 4432
Delta R.T. 0.07 min
Lab File: BE097471.D
Acq: 13 Sep 2018 3:40

Instrument :
BNA_E
ClientSampleId :
A3YZ5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.8#
277	33.4	20.5	30.7#

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:38 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

