

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097461.D
 Acq On : 12 Sep 2018 21:30
 Operator : SJ/JU
 Sample : J4792-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YY2

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:27 PM

Quant Time: Sep 13 02:41:03 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 01:51:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	850	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4740	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3405	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8955m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9881m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9444m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1502	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	5515m	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	13354	1.155	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	4558	0.624	ng/ul	97
7) Acenaphthylene	13.72	152	8042	0.648	ng/ul	98
8) Acenaphthene	14.07	153	4926	0.462	ng/ul	95
9) Fluorene	15.07	166	12980	1.062	ng/ul	92
12) Phenanthrene	16.80	178	110031m	4.773	ng/ul	
13) Anthracene	16.89	178	26818m	1.384	ng/ul	
15) Fluoranthene	18.83	202	107368m	3.626	ng/ul	
17) Pyrene	19.20	202	100125	3.766	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	48936m	1.928	ng/ul	
19) Chrysene	21.00	228	42074	1.439	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	52757m	2.086	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	14273m	0.506	ng/ul	
23) Benzo(a)pyrene	23.10	252	38259m	1.635	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	22363m	0.737	ng/ul	
25) Dibenzo(a,h)anthracene	25.50	278	6067m	0.236	ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	19102m	0.739	ng/ul	

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

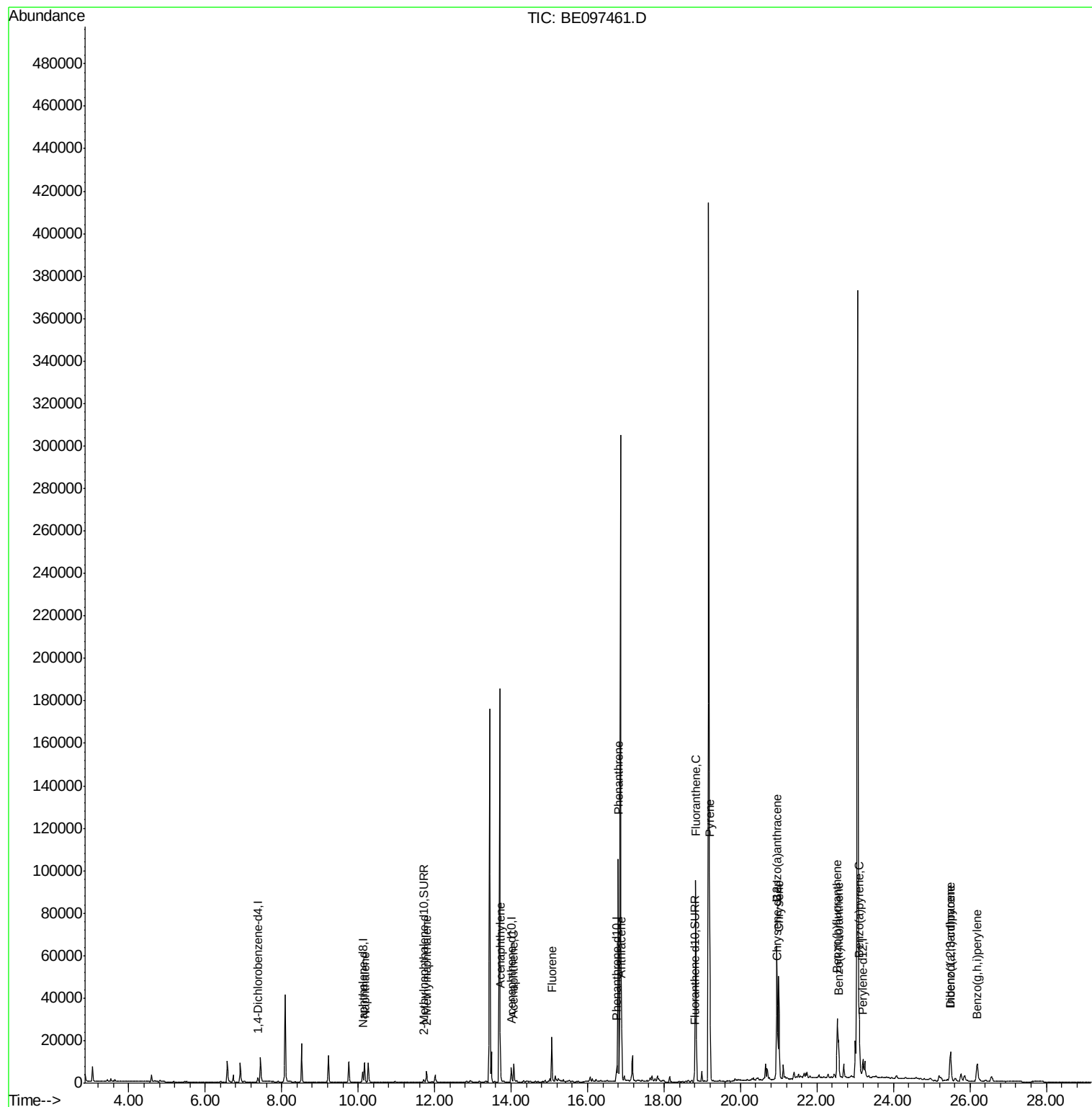
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097461.D
Acq On : 12 Sep 2018 21:30
Operator : SJ/JU
Sample : J4792-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

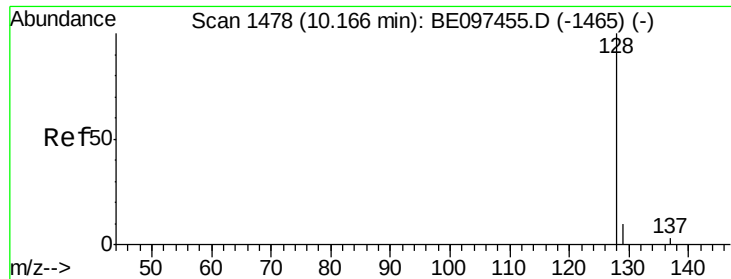
Instrument :
BNA_E
ClientSampleId :
A3YY2

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Quant Time: Sep 13 02:41:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
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QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.155 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Instrument :

BNA_E

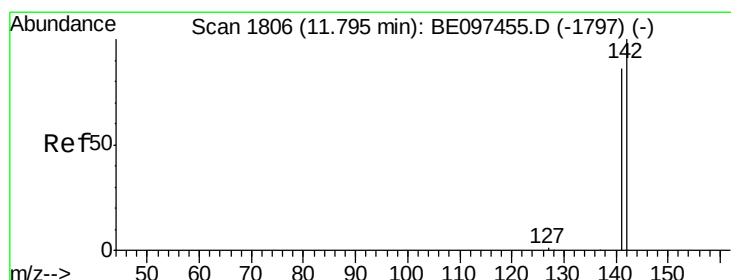
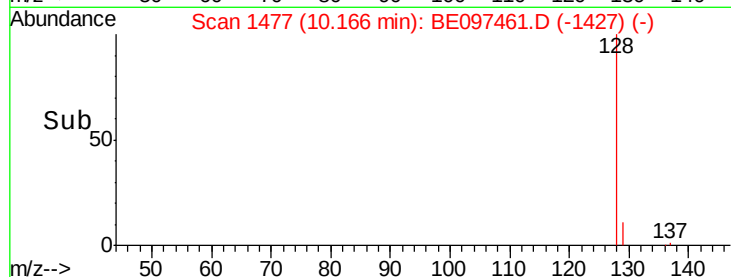
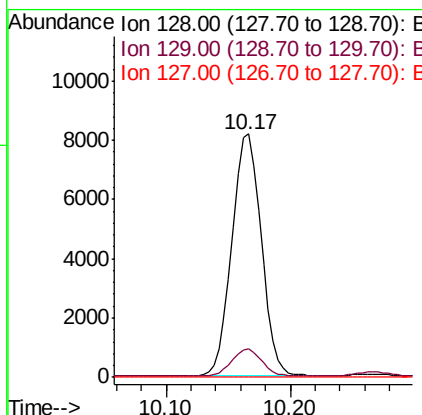
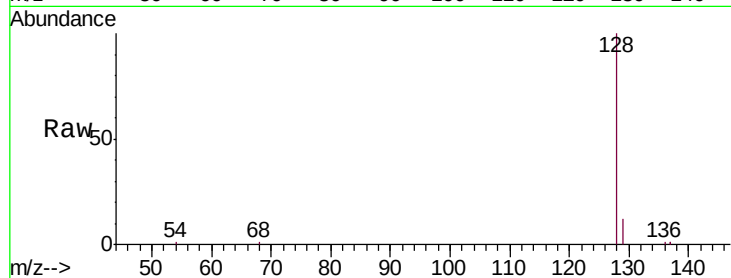
ClientSampleId :

A3YY2

Tgt Ion:	128	Resp:	13354
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.624 ng/ul

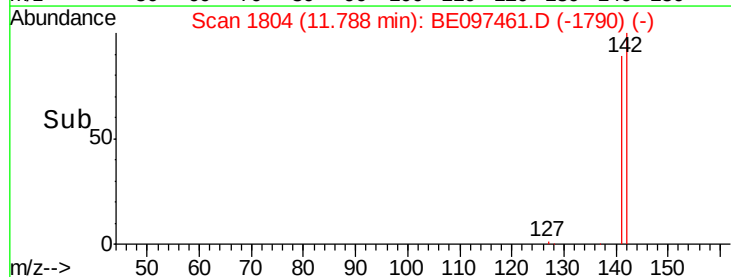
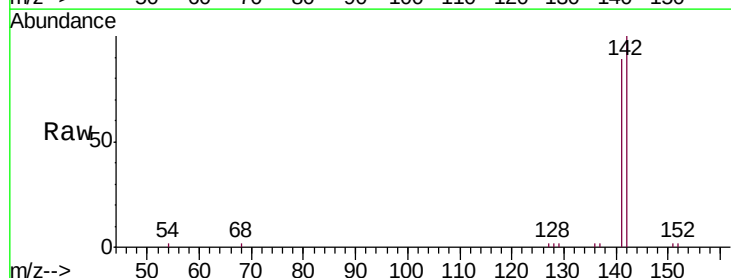
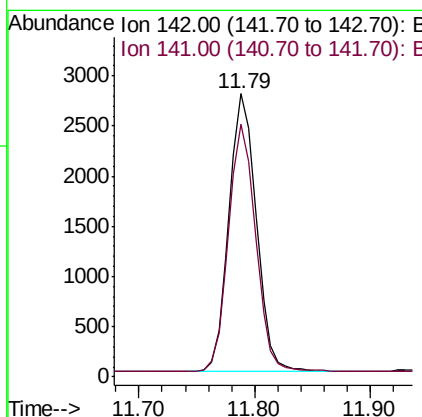
RT: 11.79 min Scan# 1804

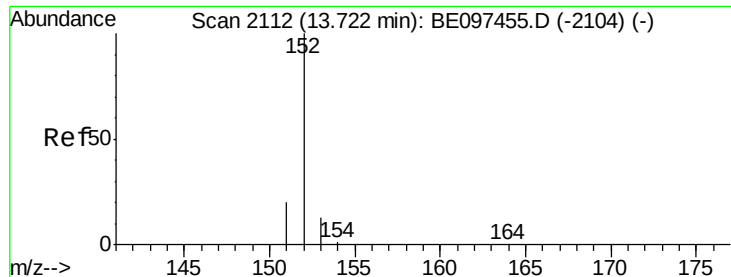
Delta R.T. -0.01 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Tgt Ion:	142	Resp:	4558
Ion Ratio	Lower	Upper	
142	100		
141	88.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.648 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Instrument :

BNA_E

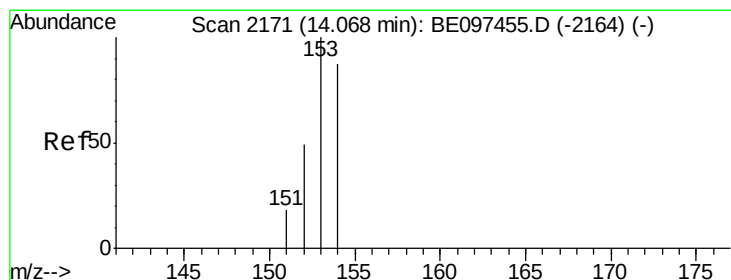
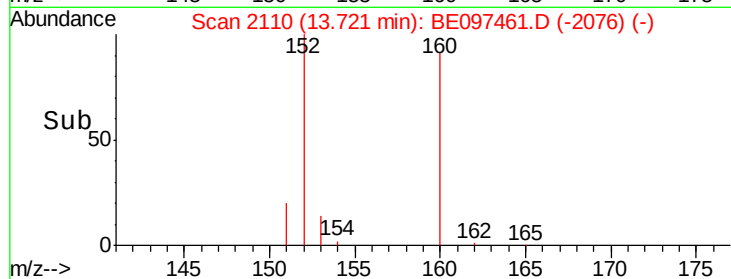
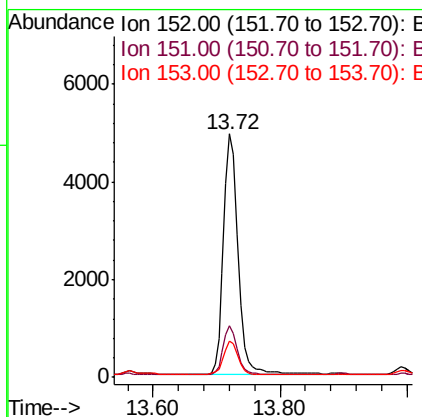
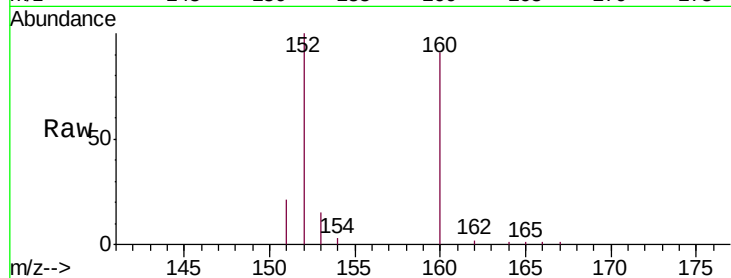
ClientSampleId :

A3YY2

Tgt Ion:	152	Resp:	8042
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	14.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.462 ng/ul

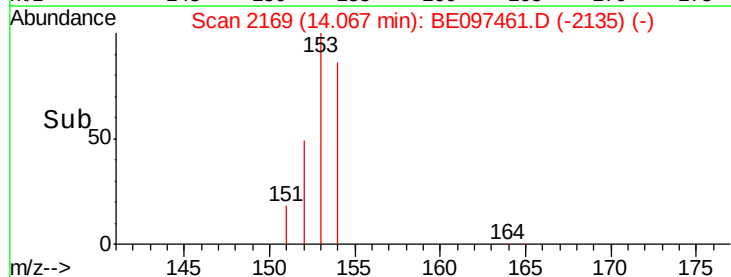
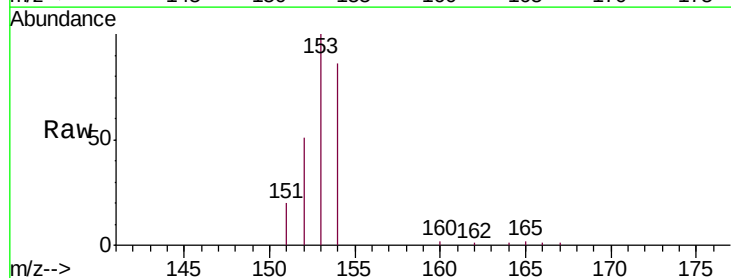
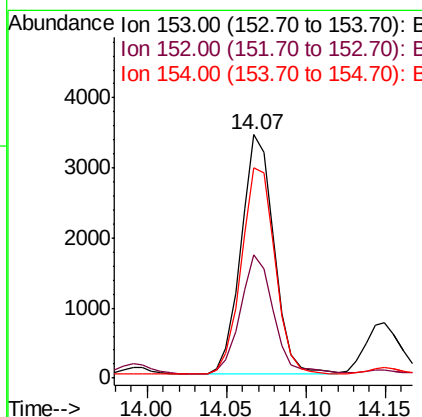
RT: 14.07 min Scan# 2169

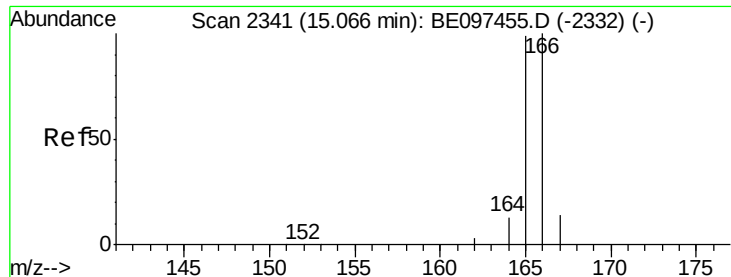
Delta R.T. -0.00 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Tgt Ion:	153	Resp:	4926
Ion Ratio	Lower	Upper	
153	100		
152	50.7	36.0	54.0
154	86.4	72.0	108.0





#9

Fluorene

Concen: 1.062 ng/ul

RT: 15.07 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Instrument :

BNA_E

ClientSampleId :

A3YY2

Tgt Ion:166 Resp: 12980

Ion Ratio Lower Upper

166 100

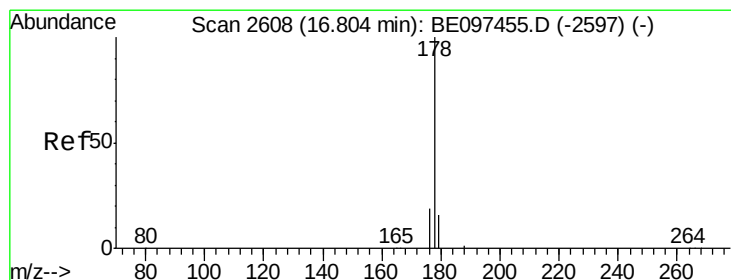
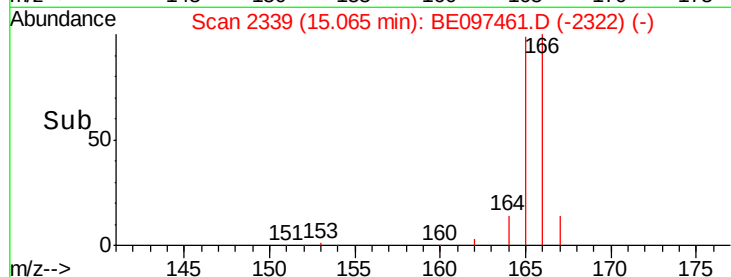
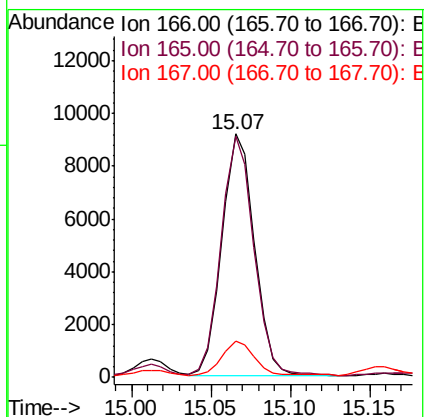
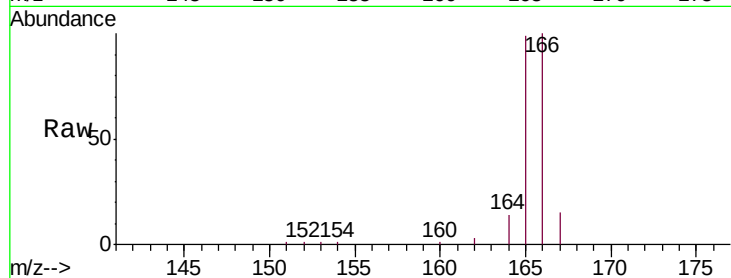
165 99.1 73.4 110.2

167 14.8 14.6 22.0

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#12

Phenanthrene

Concen: 4.773 ng/ul m

RT: 16.80 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

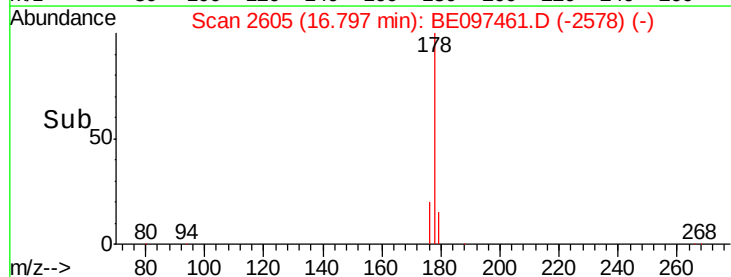
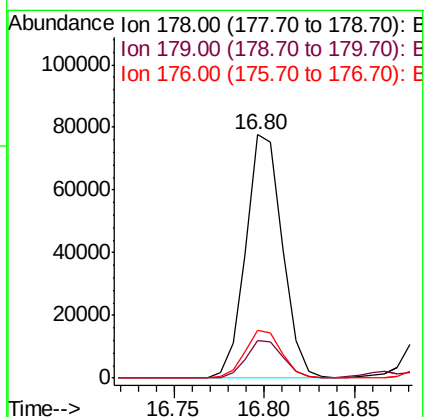
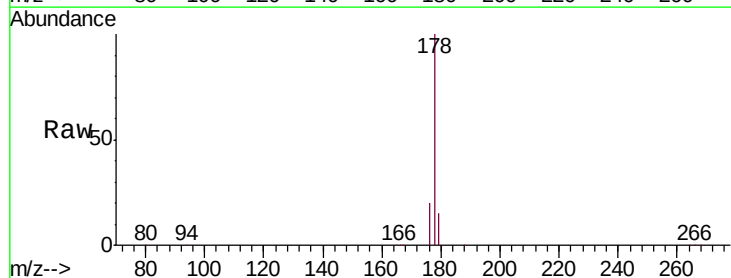
Tgt Ion:178 Resp: 110031

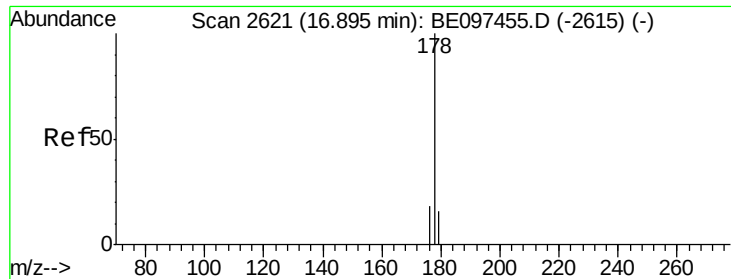
Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

176 19.7 13.6 20.4





#13

Anthracene

Concen: 1.384 ng/ul m

RT: 16.89 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Instrument :

BNA_E

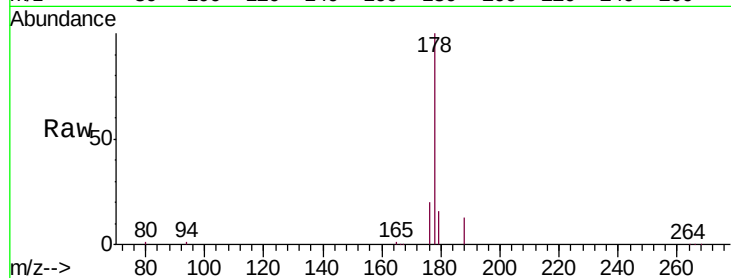
ClientSampled :

A3YY2

Tgt Ion:	178	Resp:	26818
Ion Ratio	Lower	Upper	
178	100		
179	15.9	18.1	27.1#
176	19.6	14.7	22.1

Manual Integrations
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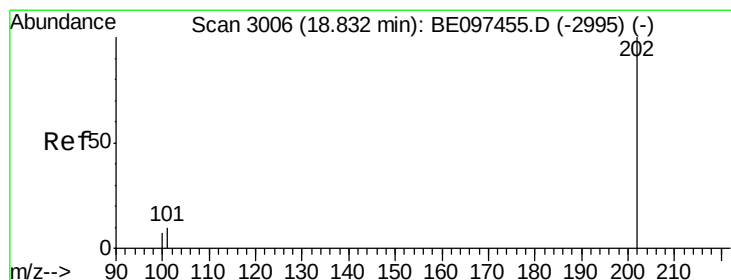
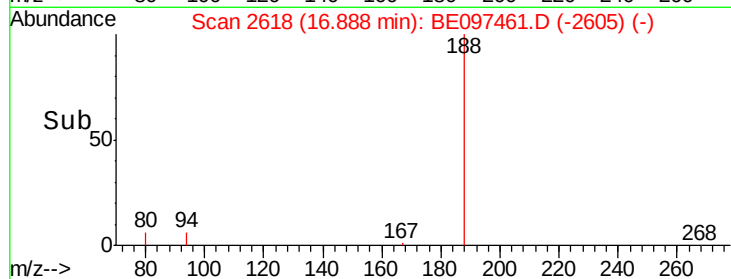
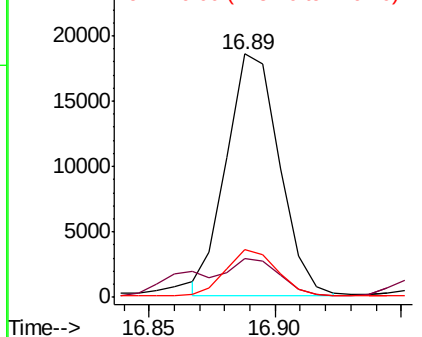
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 3.626 ng/ul m

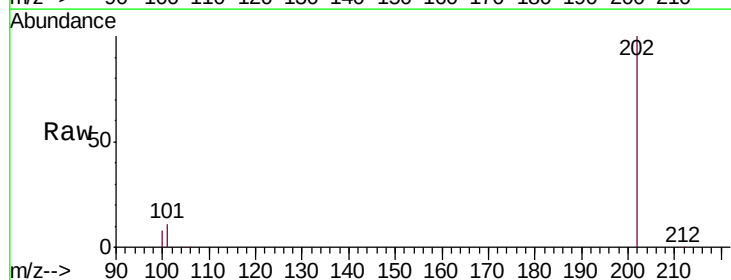
RT: 18.83 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

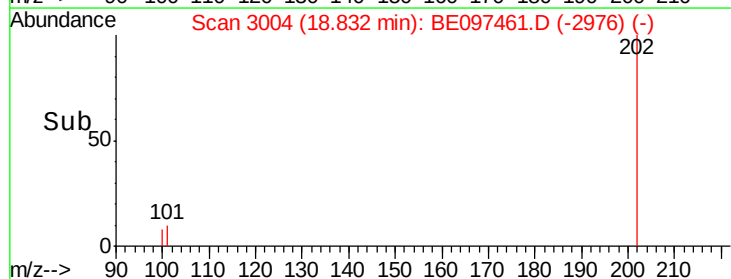
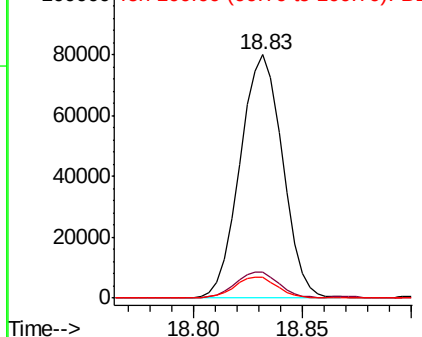
Tgt Ion:	202	Resp:	107368
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.3
100	8.3	0.0	39.5

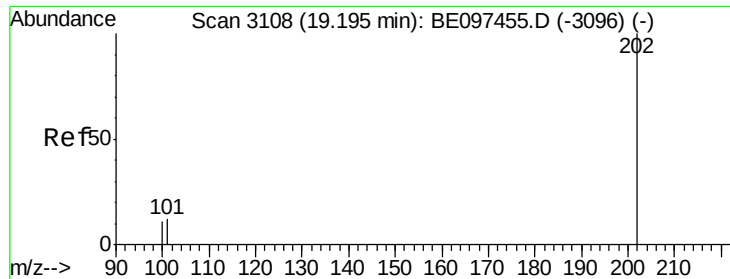


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





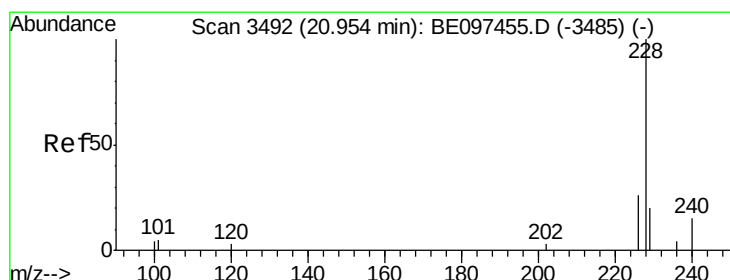
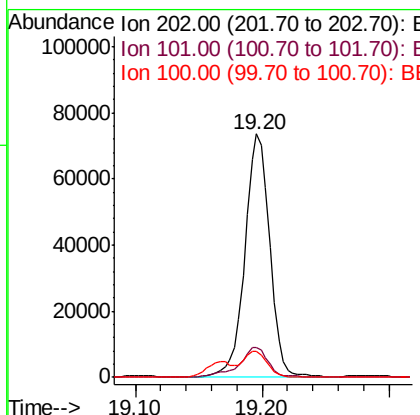
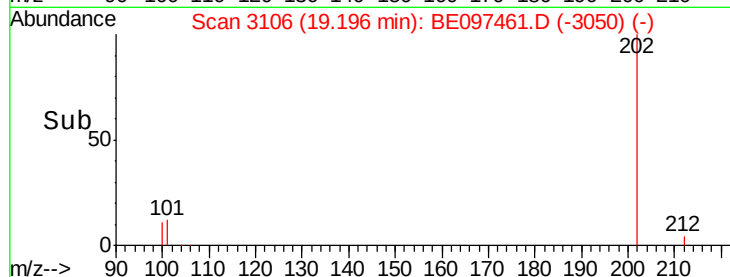
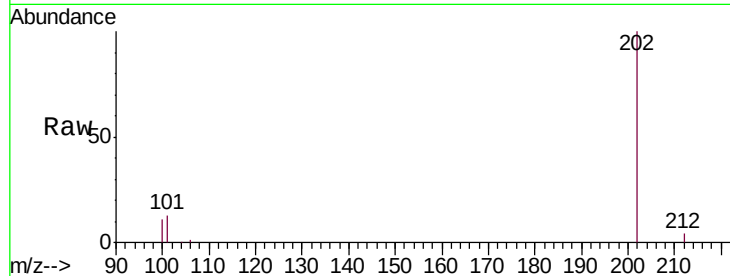
#17
 Pyrene
 Concen: 3.766 ng/ul
 RT: 19.20 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BE097461.D
 Acq: 12 Sep 2018 21:30

Instrument :
 BNA_E
 ClientSampled :
 A3YY2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	18.2	27.4#
100	10.8	15.6	23.4#

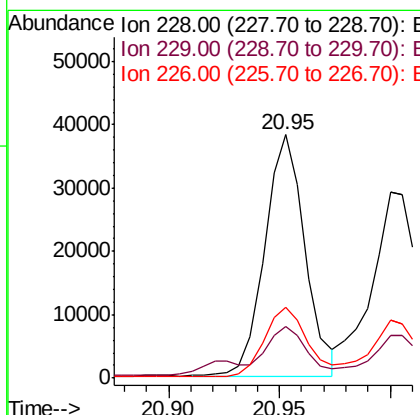
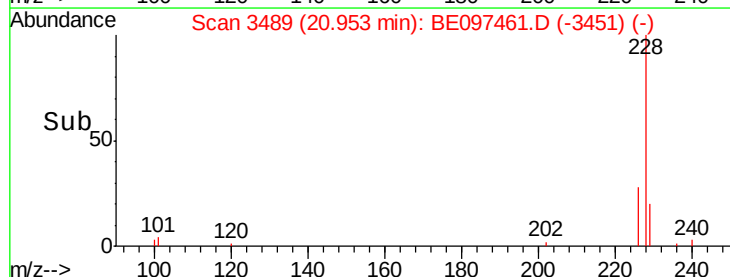
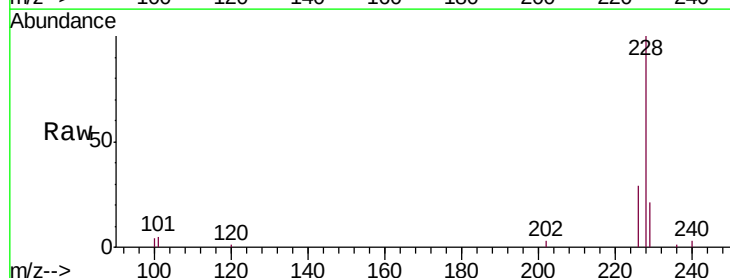
Manual Integrations
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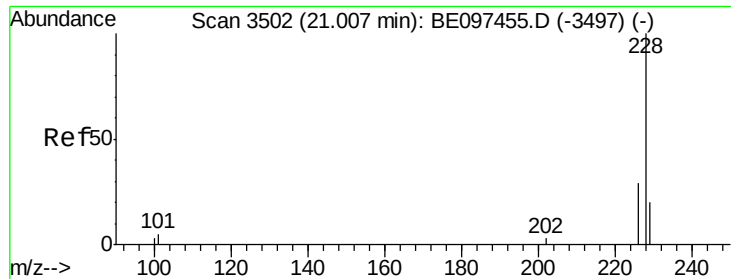
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#18
 Benzo(a)anthracene
 Concen: 1.928 ng/ul m
 RT: 20.95 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: BE097461.D
 Acq: 12 Sep 2018 21:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	22.8	34.2#
226	28.8	17.0	25.6#





#19

Chrysene

Concen: 1.439 ng/ul

RT: 21.00 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Instrument :

BNA_E

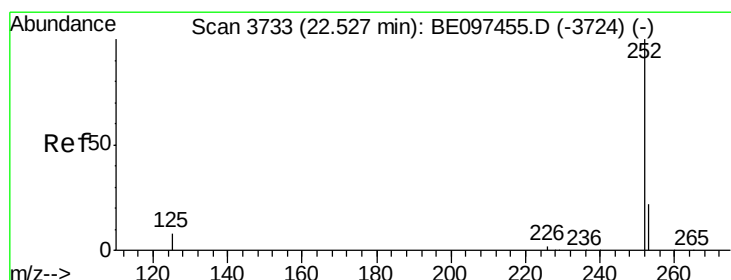
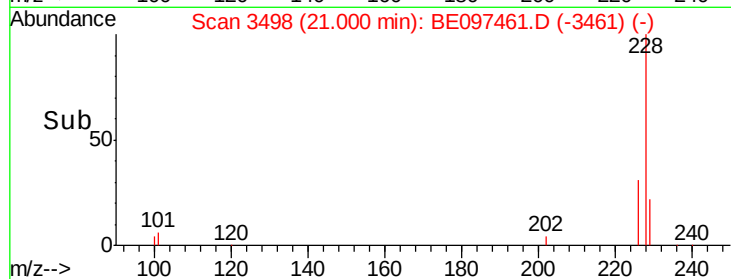
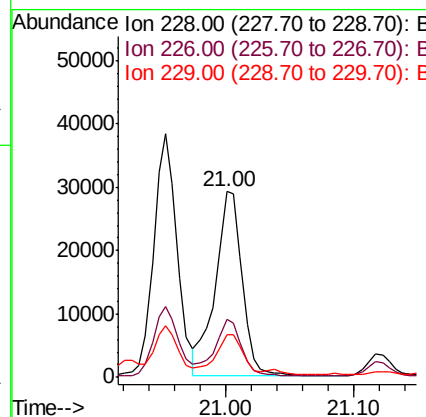
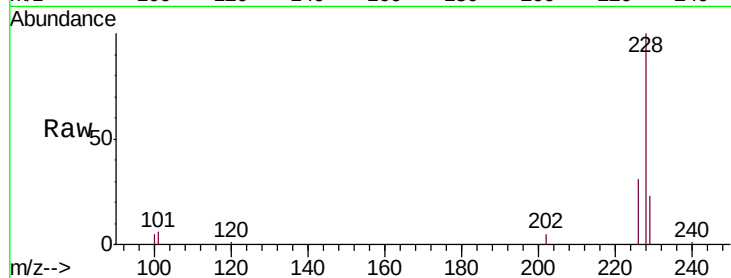
ClientSampleId :

A3YY2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	23.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.086 ng/ul m

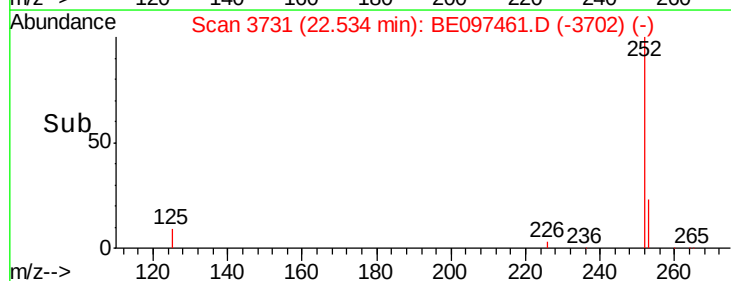
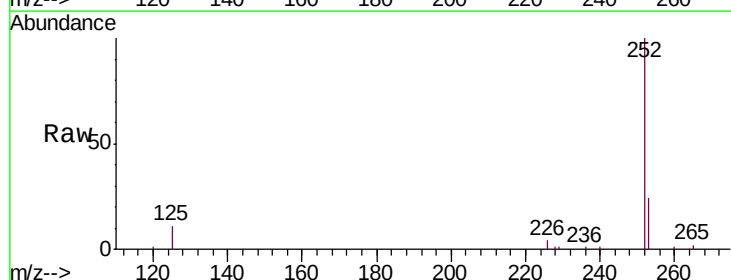
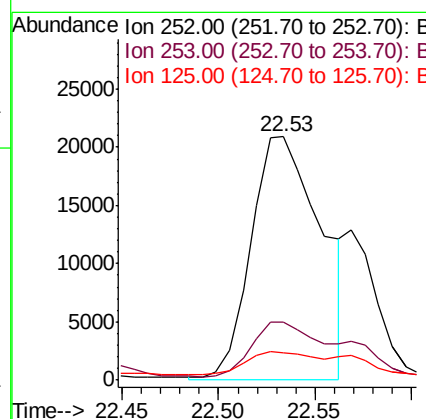
RT: 22.53 min Scan# 3731

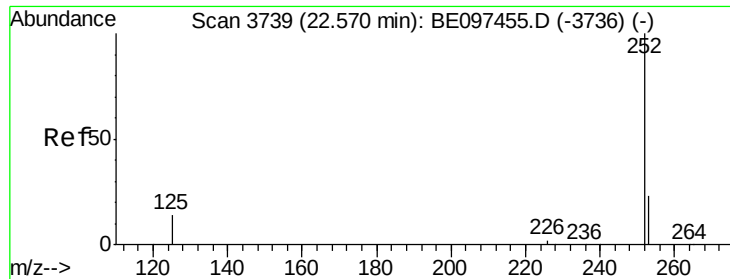
Delta R.T. 0.01 min

Lab File: BE097461.D

Acq: 12 Sep 2018 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	64.2
125	11.2	0.0	35.0





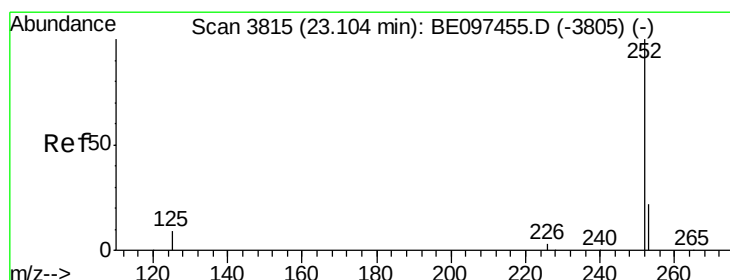
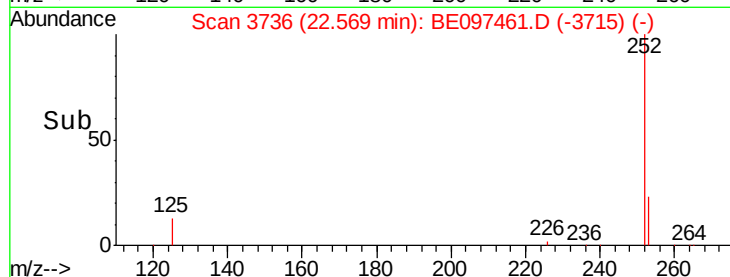
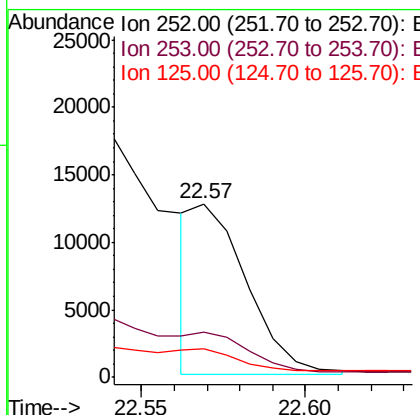
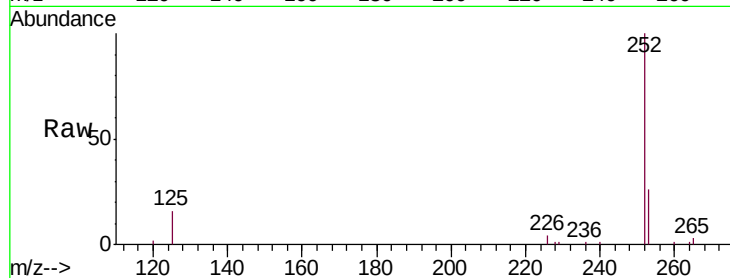
#22
Benzo(k)fluoranthene
Concen: 0.506 ng/ul m
RT: 22.57 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE097461.D
Acq: 12 Sep 2018 21:30

Instrument :
BNA_E
ClientSampleId :
A3YY2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	24.5	36.7
125	16.4	13.7	20.5

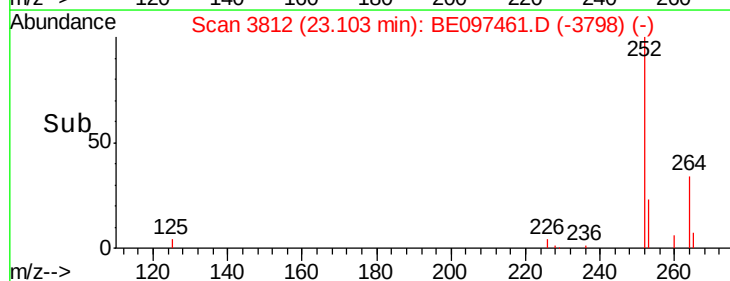
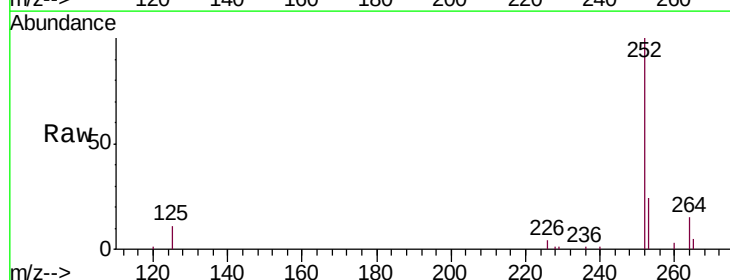
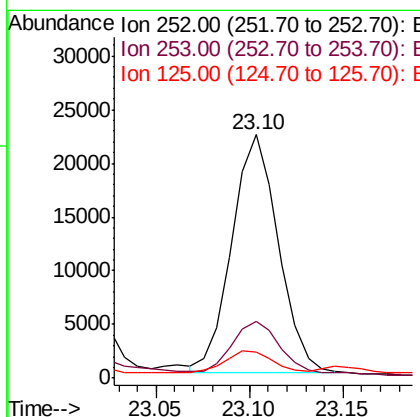
Manual Integrations
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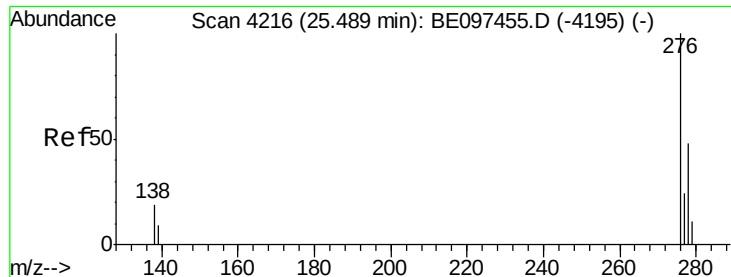
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#23
Benzo(a)pyrene
Concen: 1.635 ng/ul m
RT: 23.10 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BE097461.D
Acq: 12 Sep 2018 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	10.8	18.1	27.1#





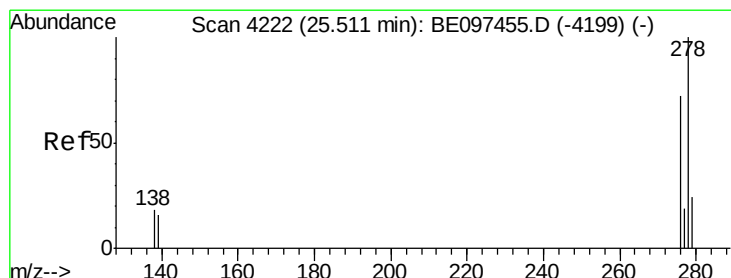
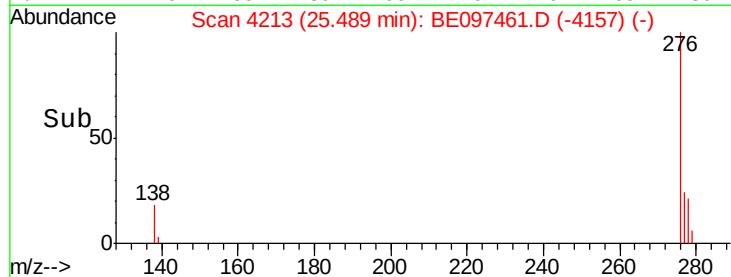
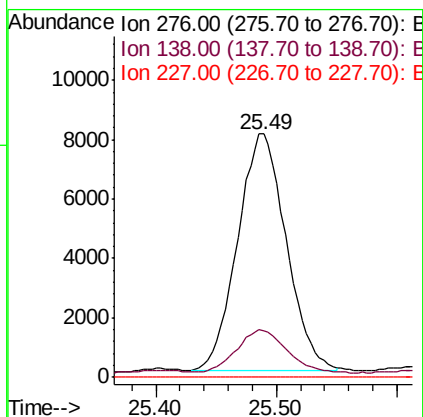
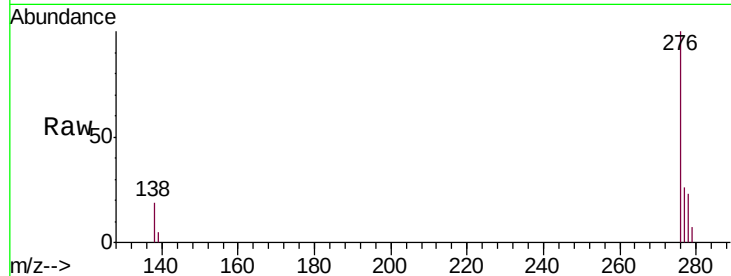
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.737 ng/ul m
 RT: 25.49 min Scan# 4213
 Delta R.T. -0.00 min
 Lab File: BE097461.D
 Acq: 12 Sep 2018 21:30

Instrument :
 BNA_E
 ClientSampleId :
 A3YY2

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	22363		
138	2.7	28.0	42.0#	
227	0.0	8.0	12.0#	

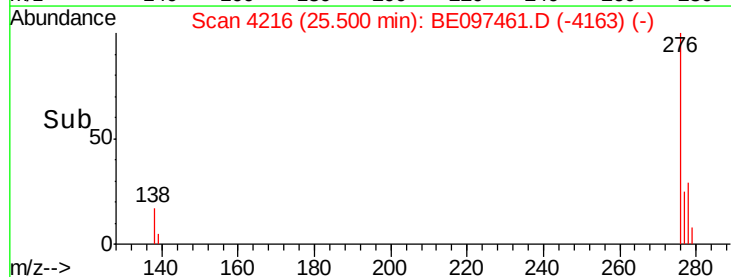
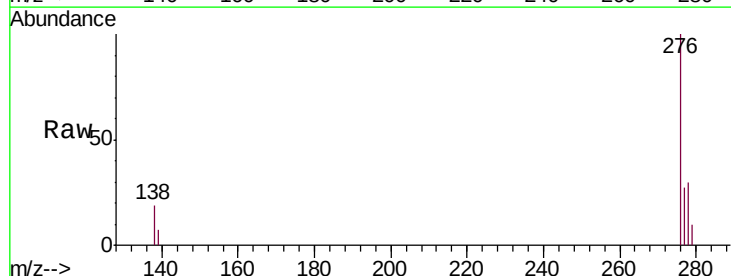
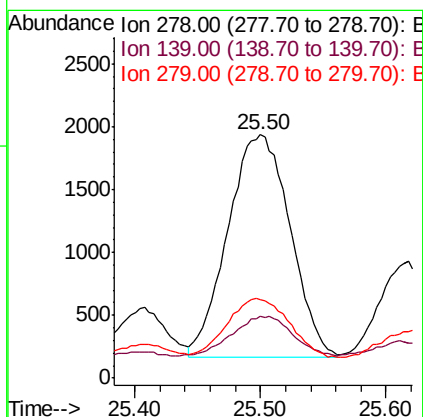
Manual Integrations
 APPROVED

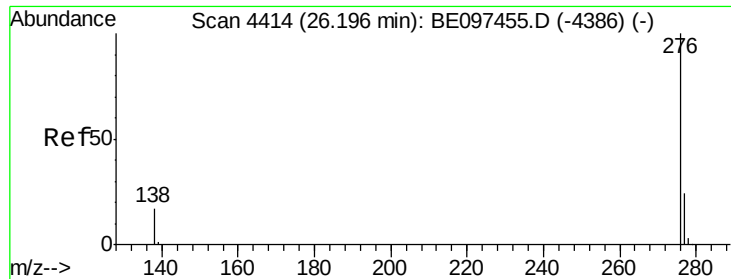
Sohil
 9/13/2018 5:42:27 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.236 ng/ul m
 RT: 25.50 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BE097461.D
 Acq: 12 Sep 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	6067		
139	25.2	17.4	26.0	
279	32.4	25.9	38.9	





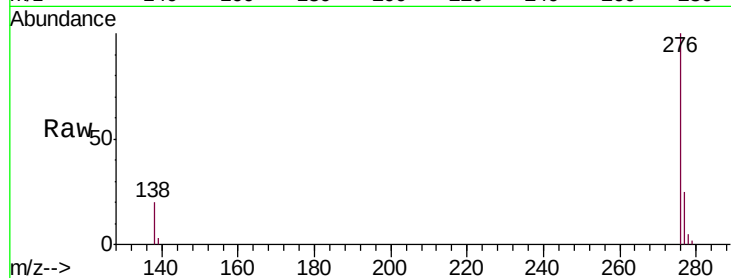
#26
Benzo(g,h,i)perylene
Concen: 0.739 ng/ul m
RT: 26.19 min Scan# 4410
Delta R.T. -0.00 min
Lab File: BE097461.D
Acq: 12 Sep 2018 21:30

Instrument :
BNA_E
ClientSampleId :
A3YY2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	21.8	32.8#
277	24.9	20.5	30.7

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:27 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

