

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:35:21 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	888	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3686	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9044m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10369m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10106m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2600	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9180m	0.31	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	16.80	178	1428m	0.061	ng/ul	
15) Fluoranthene	18.83	202	3371m	0.113	ng/ul	
17) Pyrene	19.20	202	3138m	0.112	ng/ul	
18) Benzo(a)anthracene	20.95	228	1882m	0.071	ng/ul	
19) Chrysene	21.01	228	2135m	0.070	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	2982m	0.110	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	848m	0.028	ng/ul	
23) Benzo(a)pyrene	23.10	252	1717	0.069	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	25.50	276	1339	0.041	ng/ul#	87
26) Benzo(g,h,i)perylene	26.19	276	1367	0.049	ng/ul#	68

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

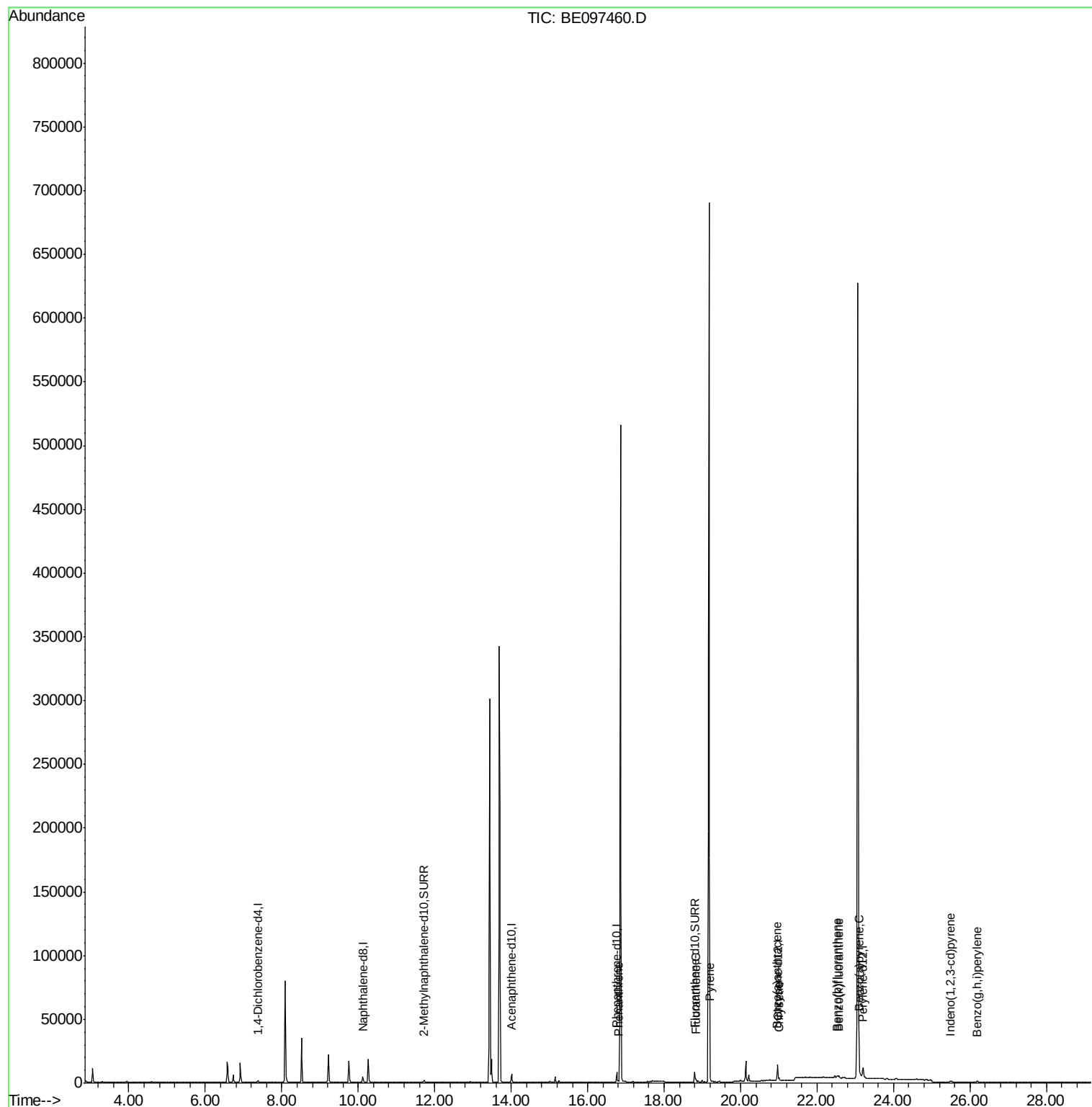
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
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Sample : J4792-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

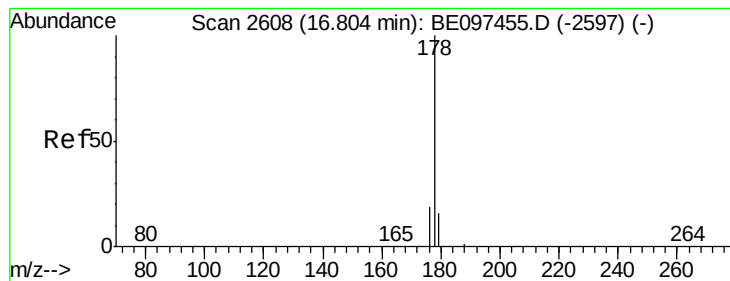
Instrument :
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#12

Phenanthrene

Concen: 0.061 ng/ul m

RT: 16.80 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097460.D

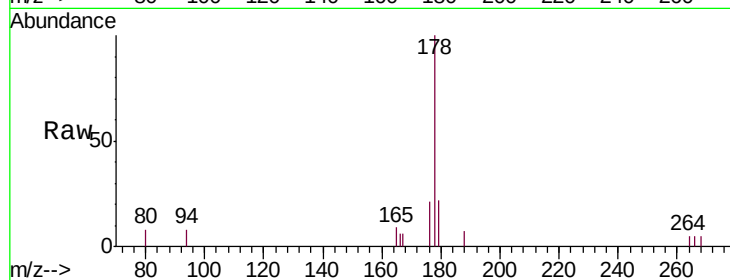
Acq: 12 Sep 2018 20:51

Instrument :

BNA_E

ClientSampled :

A3Z38



Tgt Ion:178 Resp: 1428

Ion Ratio Lower Upper

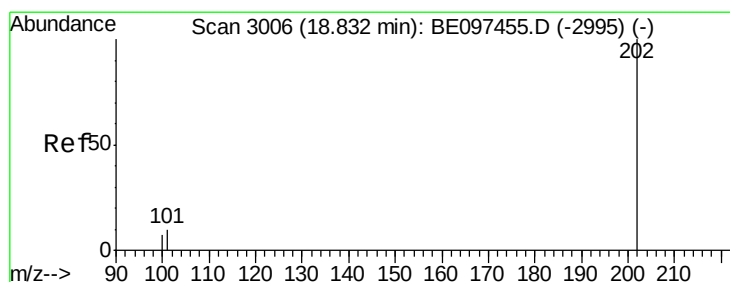
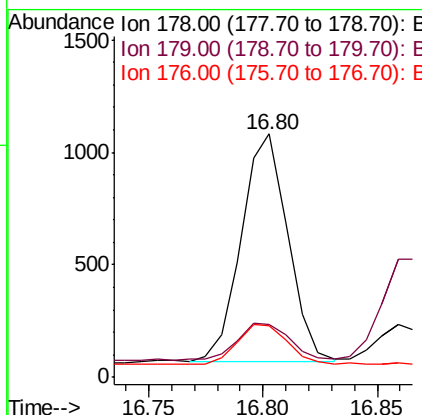
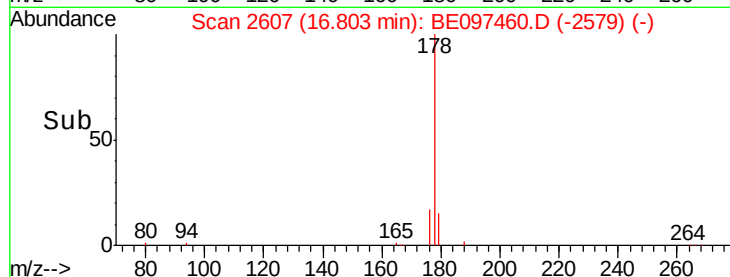
178 100

179 21.5 18.4 27.6

176 21.3 13.6 20.4#

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#15

Fluoranthene

Concen: 0.113 ng/ul m

RT: 18.83 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BE097460.D

Acq: 12 Sep 2018 20:51

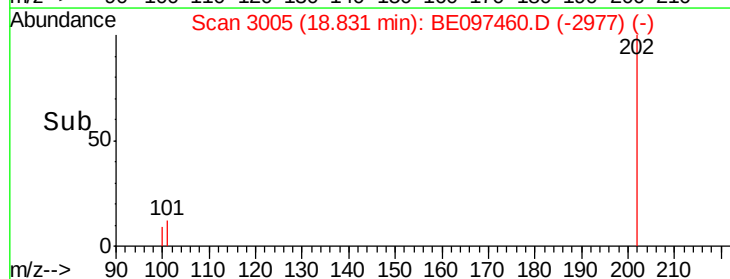
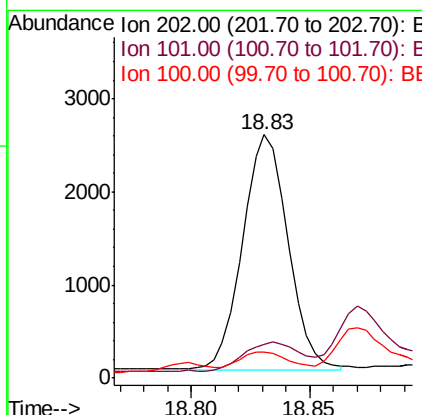
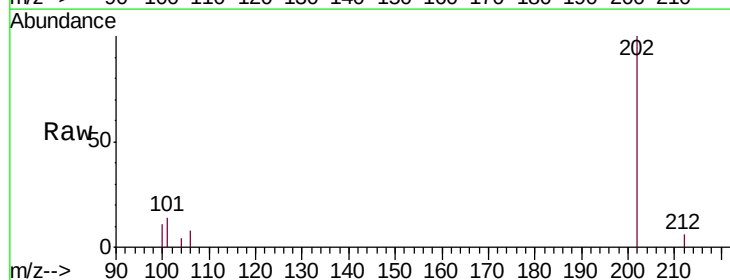
Tgt Ion:202 Resp: 3371

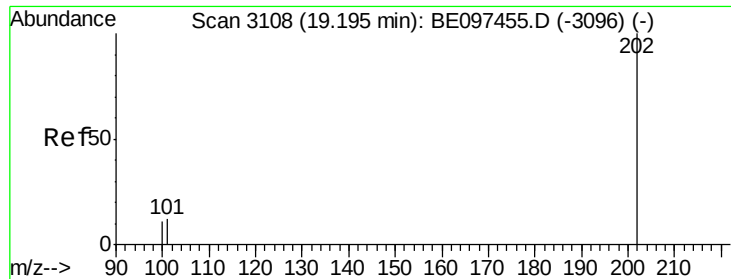
Ion Ratio Lower Upper

202 100

101 13.8 0.0 30.3

100 10.9 0.0 39.5





#17

Pyrene

Concen: 0.112 ng/ul m

RT: 19.20 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BE097460.D

Acq: 12 Sep 2018 20:51

Instrument :

BNA_E

ClientSampled :

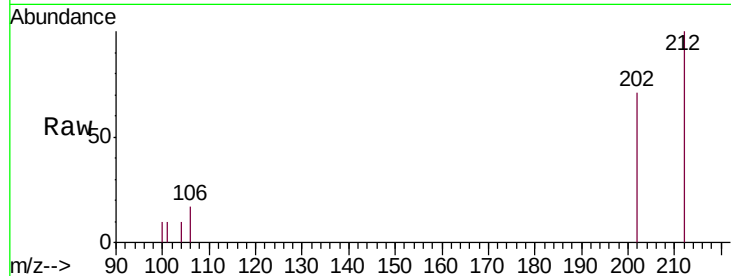
A3Z38

Tgt Ion:	202	Resp:	3138
Ion Ratio	Lower	Upper	
202	100		
101	14.7	18.2	27.4#
100	14.3	15.6	23.4#

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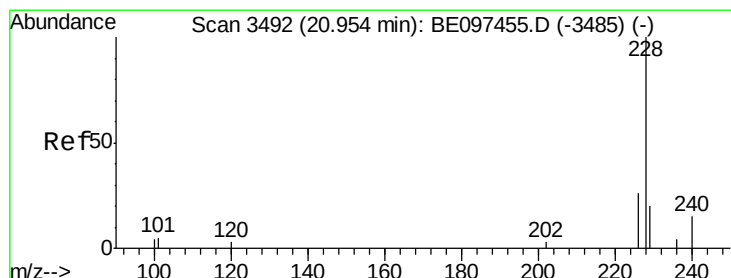
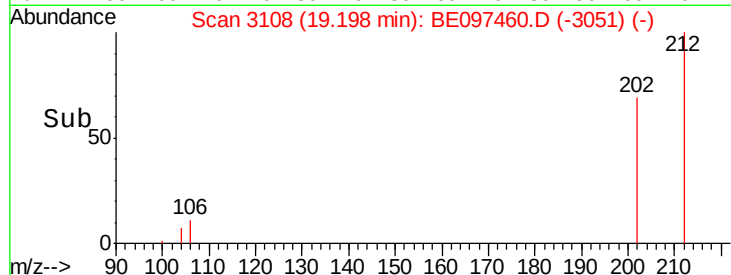
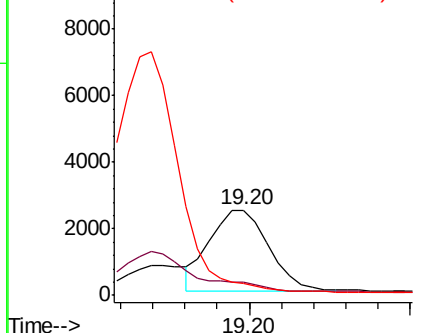
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.071 ng/ul m

RT: 20.95 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BE097460.D

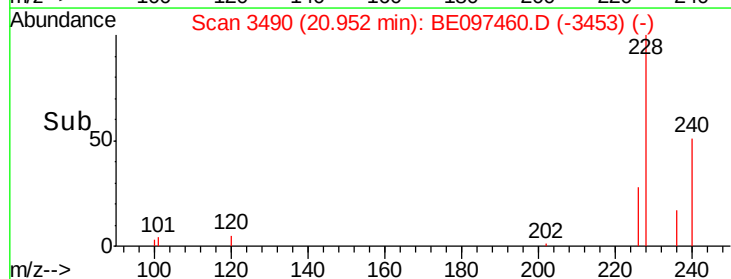
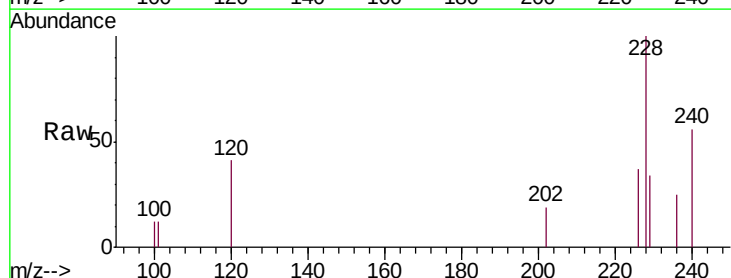
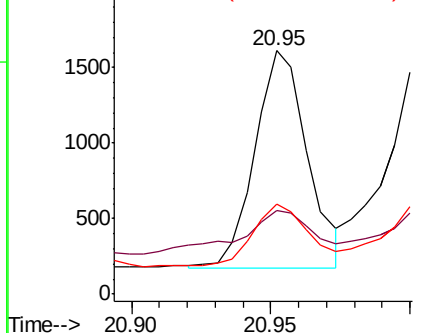
Acq: 12 Sep 2018 20:51

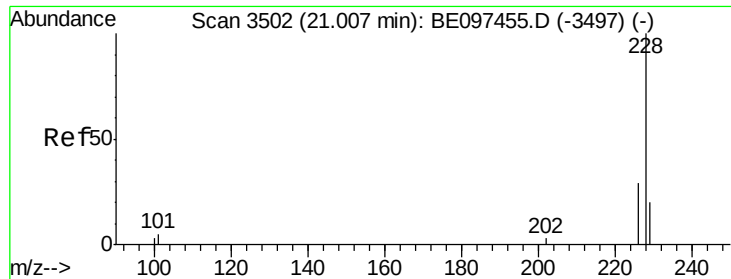
Tgt Ion:	228	Resp:	1882
Ion Ratio	Lower	Upper	
228	100		
229	34.4	22.8	34.2#
226	37.0	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.070 ng/ul m

RT: 21.01 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097460.D

Acq: 12 Sep 2018 20:51

Instrument :

BNA_E

ClientSampleId :

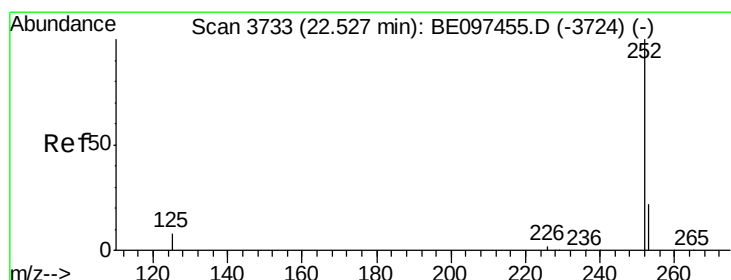
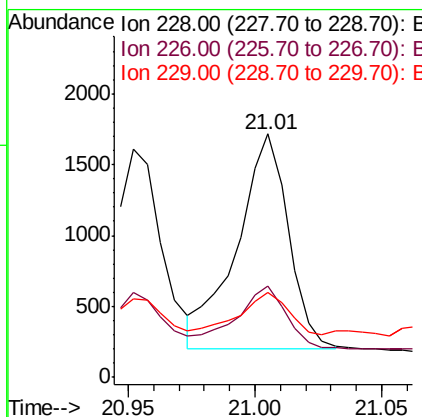
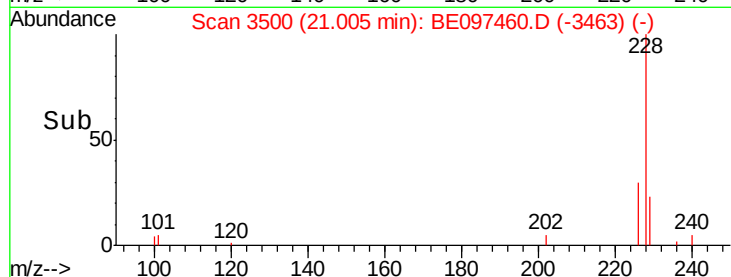
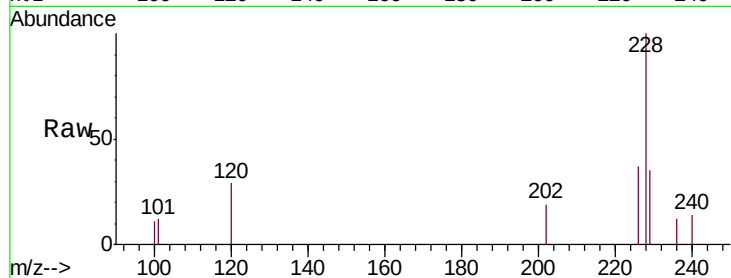
A3Z38

Tgt Ion:	228	Resp:	2135
Ion Ratio	Lower	Upper	
228	100		
226	37.4	23.4	35.0#
229	34.8	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.110 ng/ul m

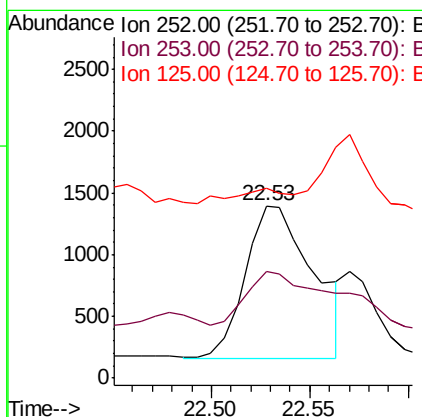
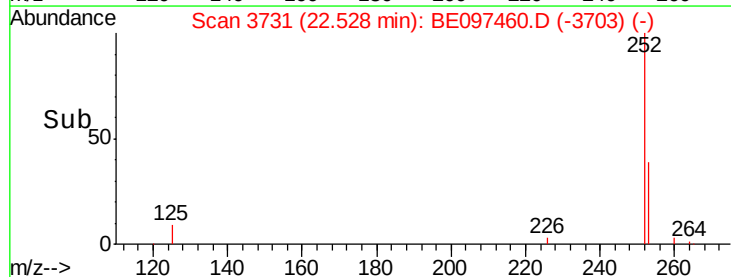
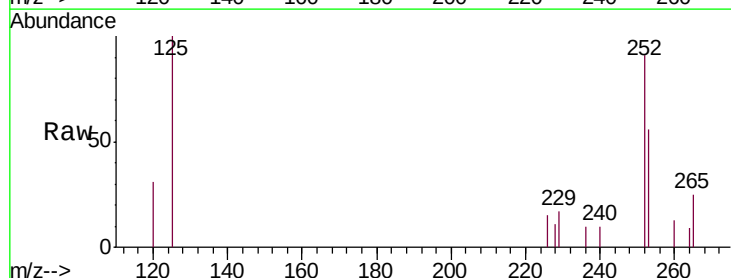
RT: 22.53 min Scan# 3731

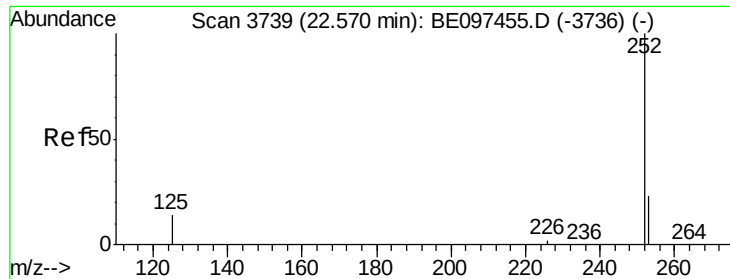
Delta R.T. 0.00 min

Lab File: BE097460.D

Acq: 12 Sep 2018 20:51

Tgt Ion:	252	Resp:	2982
Ion Ratio	Lower	Upper	
252	100		
253	62.0	0.0	64.2
125	110.0	0.0	35.0#





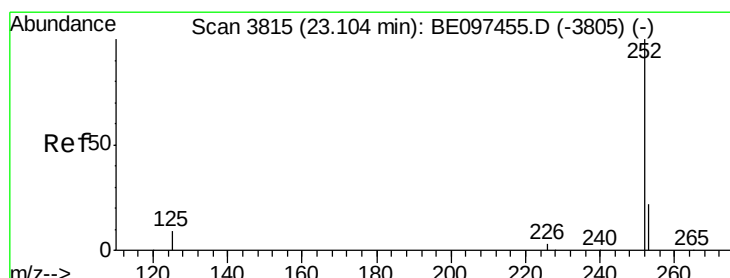
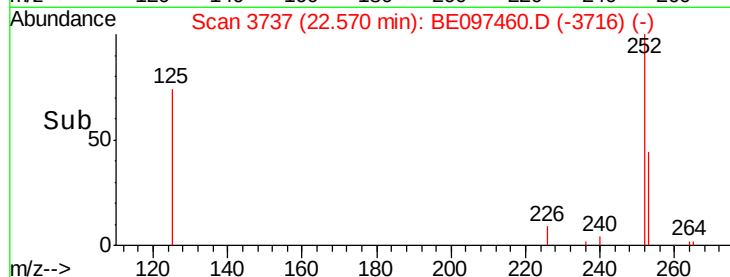
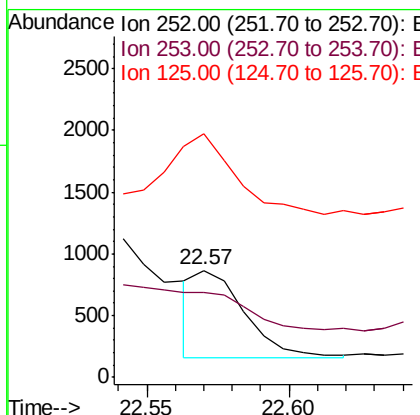
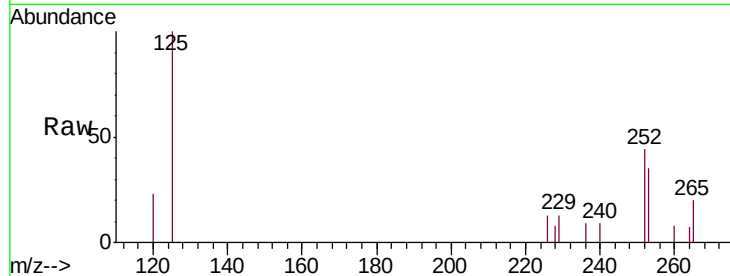
#22
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BE097460.D
Acq: 12 Sep 2018 20:51

Instrument :
BNA_E
ClientSampleId :
A3Z38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	79.2	24.5	36.7#
125	227.5	13.7	20.5#

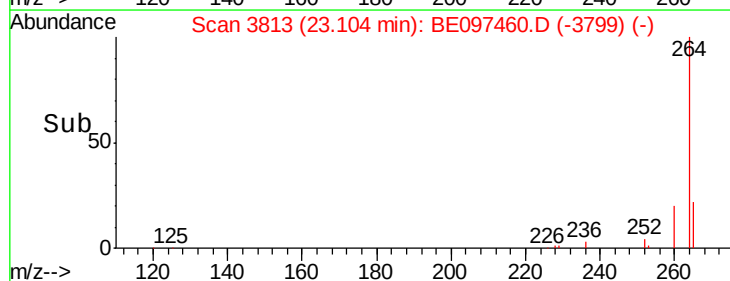
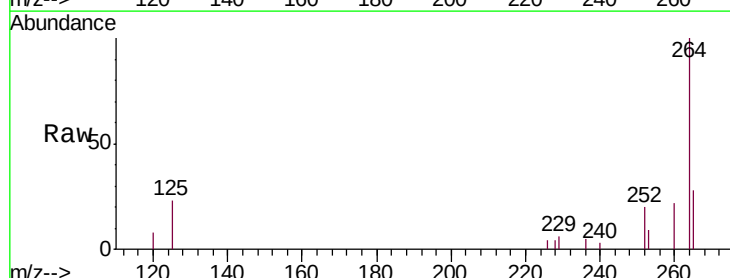
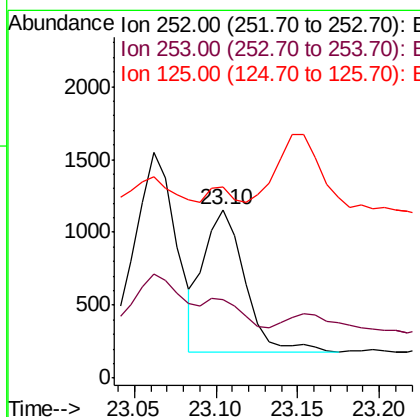
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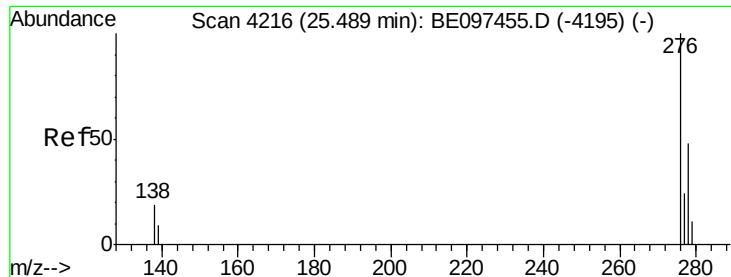
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#23
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 23.10 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097460.D
Acq: 12 Sep 2018 20:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.4	28.5	42.7#
125	113.7	18.1	27.1#





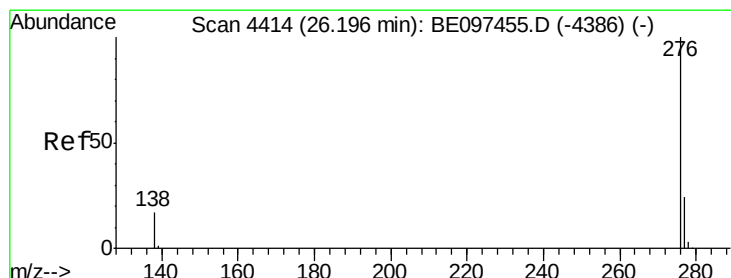
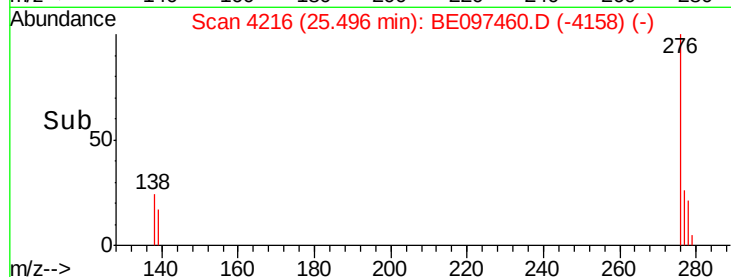
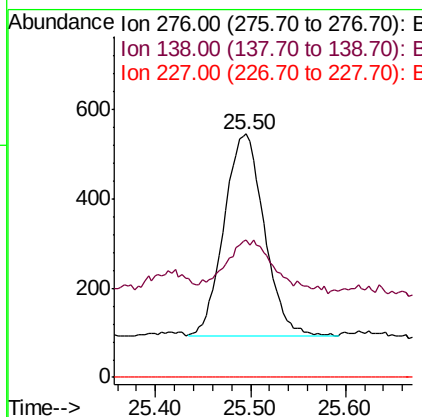
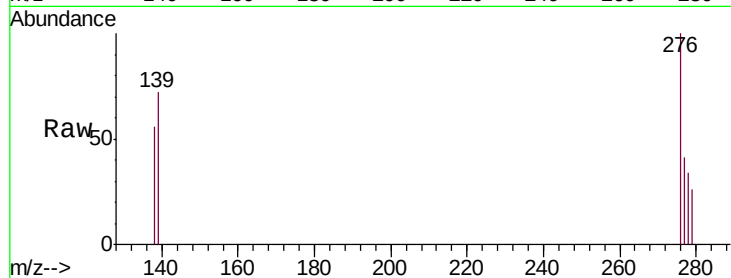
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.041 ng/ul
 RT: 25.50 min Scan# 4216
 Delta R.T. 0.01 min
 Lab File: BE097460.D
 Acq: 12 Sep 2018 20:51

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	28.0	42.0
227	0.0	8.0	12.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.049 ng/ul
 RT: 26.19 min Scan# 4411
 Delta R.T. -0.00 min
 Lab File: BE097460.D
 Acq: 12 Sep 2018 20:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.9	21.8	32.8
277	39.4	20.5	30.7

