

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097163.D
 Acq On : 2 Aug 2018 22:36
 Operator : SJ/JU
 Sample : J4171-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J4

Manual Integrations
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Quant Time: Aug 03 00:23:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 02 14:49:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1340	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4642	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11037m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11942m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10244m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4926	0.44	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	15286m	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	1862	0.111	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	367	0.033	ng/ul	94
12) Phenanthrene	16.81	178	3654m	0.130	ng/ul	
15) Fluoranthene	18.84	202	4534m	0.122	ng/ul	
17) Pyrene	19.21	202	5566m	0.174	ng/ul	
18) Benzo(a)anthracene	20.96	228	2318	0.068	ng/ul#	85
19) Chrysene	21.01	228	2862	0.081	ng/ul#	88
21) Benzo(b)fluoranthene	22.54	252	2867m	0.103	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1116m	0.037	ng/ul	
23) Benzo(a)pyrene	23.11	252	2746	0.098	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.50	276	1624	0.046	ng/ul#	83
26) Benzo(g,h,i)perylene	26.20	276	1780	0.059	ng/ul#	91

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

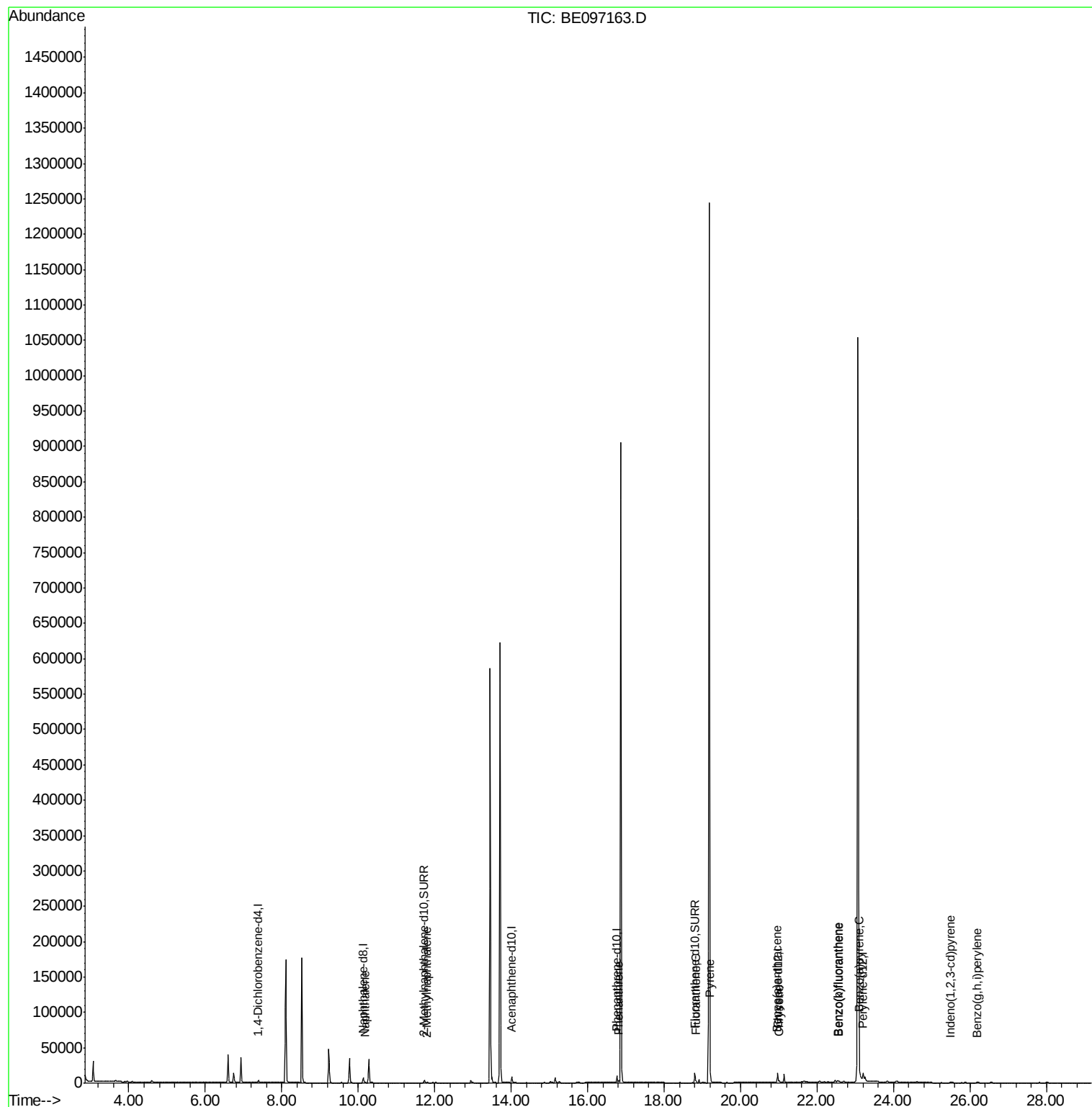
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
Data File : BE097163.D
Acq On : 2 Aug 2018 22:36
Operator : SJ/JU
Sample : J4171-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

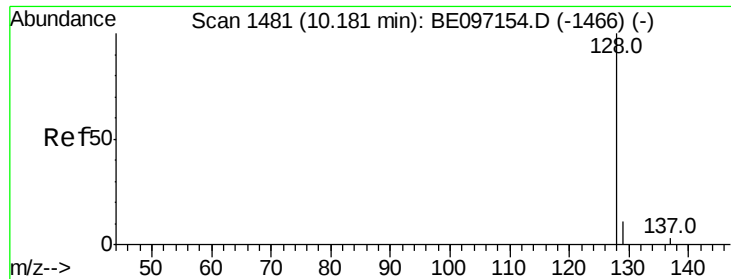
Instrument :
BNA_E
ClientSampleId :
JJ1J4

Quant Time: Aug 03 00:23:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 02 14:49:13 2018
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.111 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

Instrument :

BNA_E

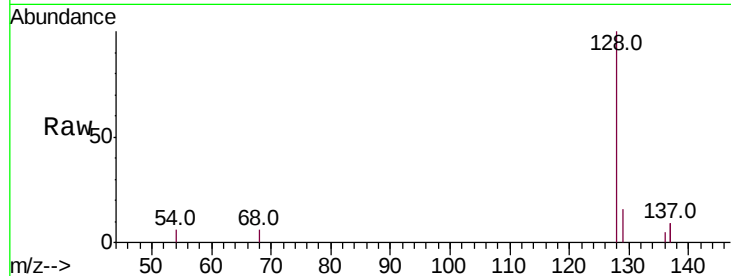
ClientSampleId :

JJ1J4

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.6	11.3	16.9
127	0.0	4.0	6.0

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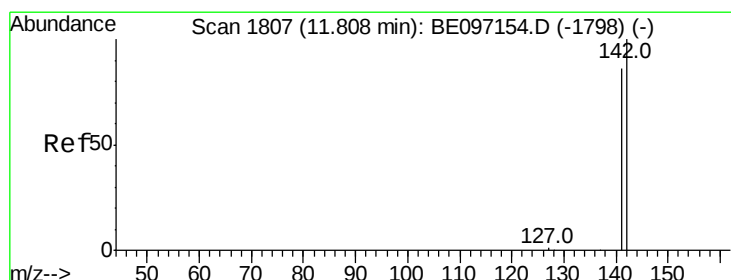
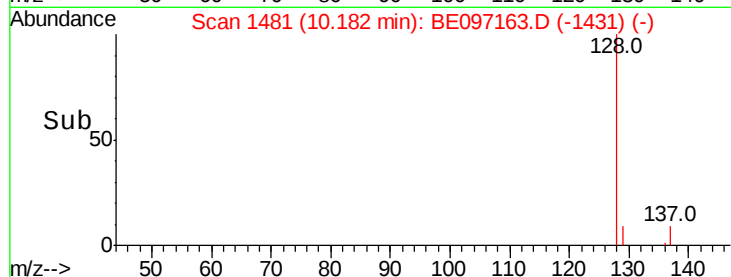
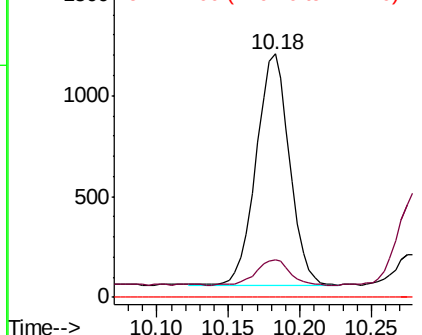


Abundance

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: 0.033 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097163.D

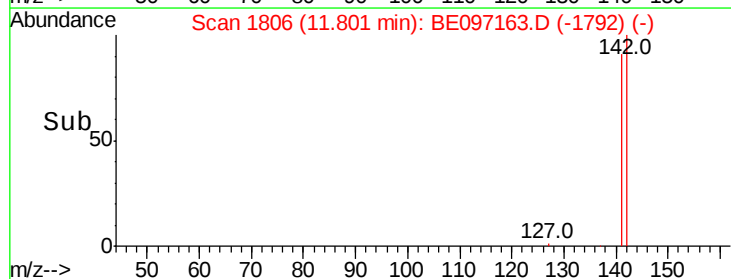
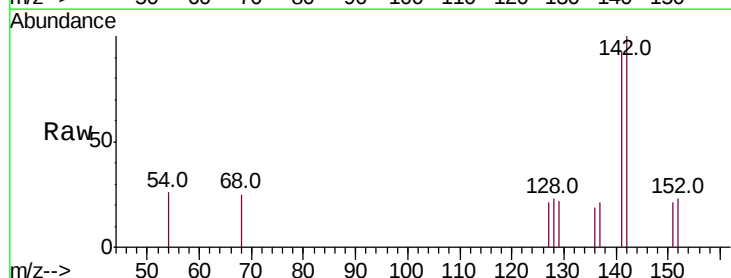
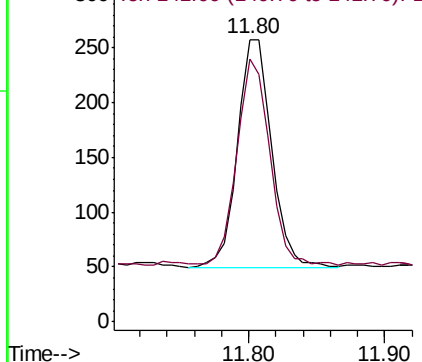
Acq: 2 Aug 2018 22:36

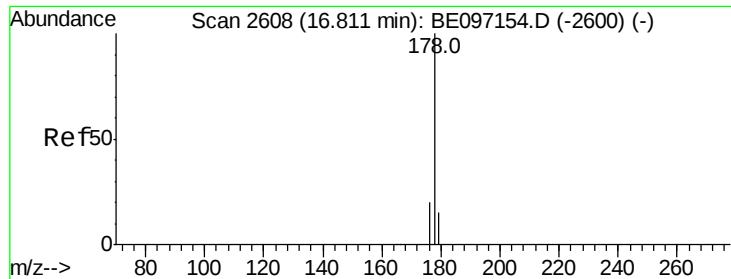
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.3	72.6	108.8

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





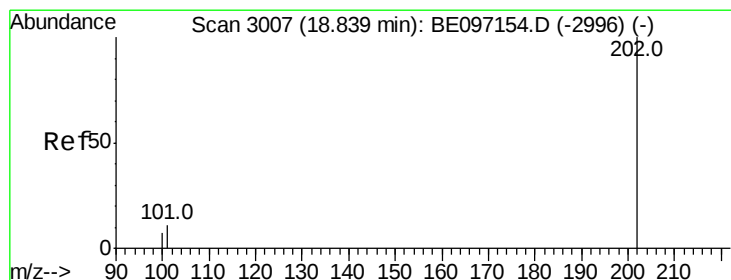
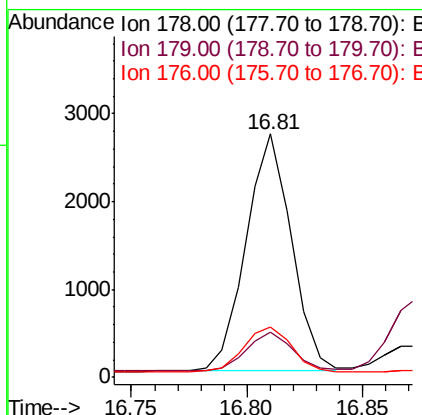
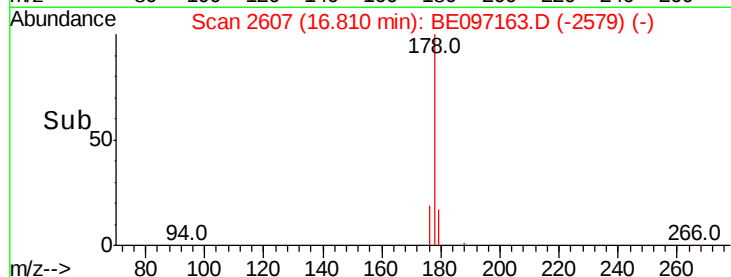
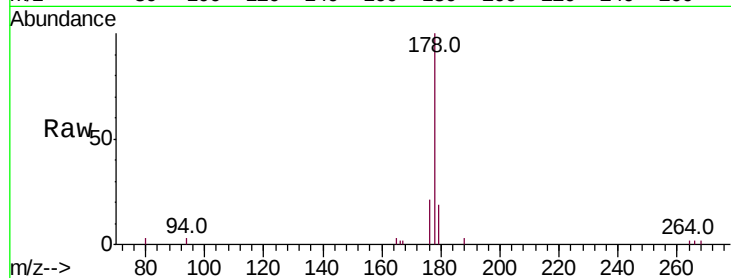
#12
Phenanthrene
Concen: 0.130 ng/ul m
RT: 16.81 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097163.D
Acq: 2 Aug 2018 22:36

Instrument :
BNA_E
ClientSampleId :
JJ1J4

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.8	18.4	27.6
176	20.7	13.6	20.4

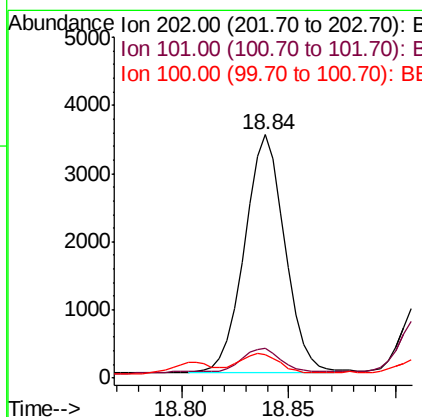
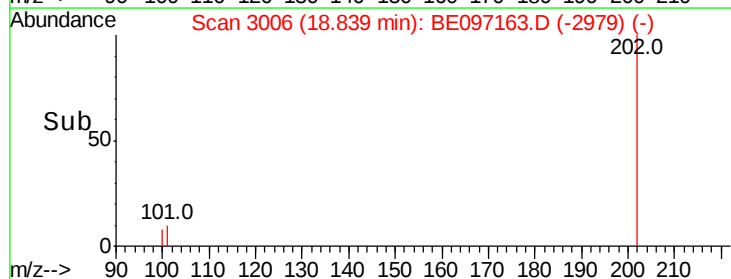
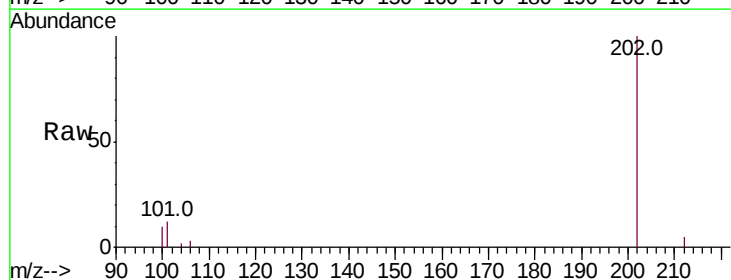
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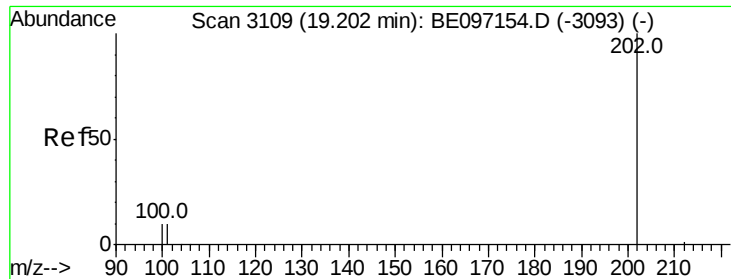
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#15
Fluoranthene
Concen: 0.122 ng/ul m
RT: 18.84 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BE097163.D
Acq: 2 Aug 2018 22:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.5	0.0	39.5





#17

Pvrene

Concen: 0.174 ng/ul m

RT: 19.21 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

Instrument :

BNA_E

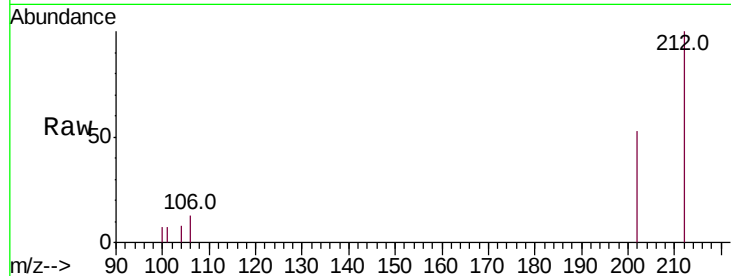
ClientSampleId :

JJ1J4

Tot Ion:	202	Resp:	5566
Ion Ratio	Lower	Upper	
202	100		
101	13.3	18.2	27.4#
100	13.4	15.6	23.4#

Manual Integrations
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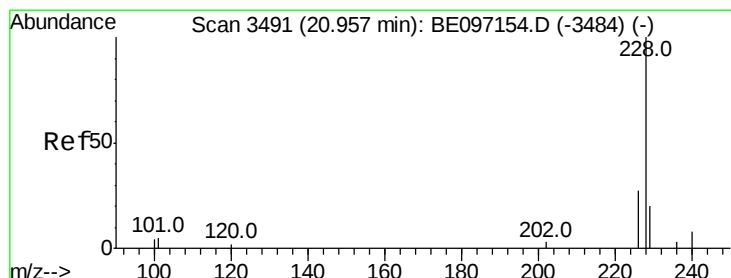
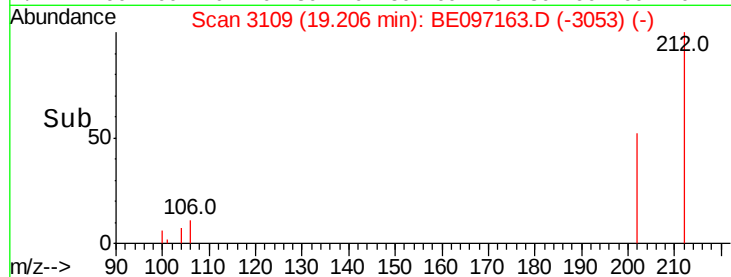
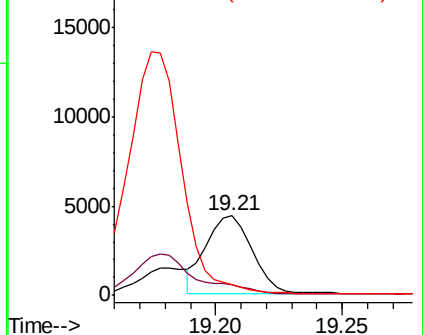
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.068 ng/ul

RT: 20.96 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BE097163.D

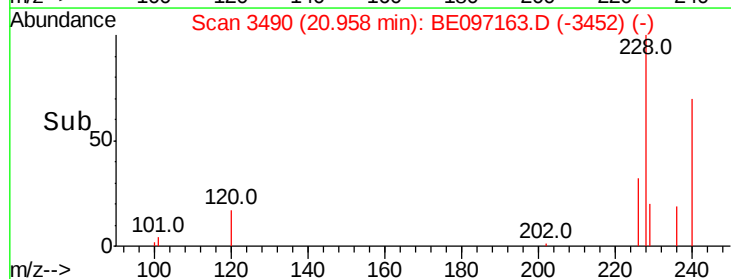
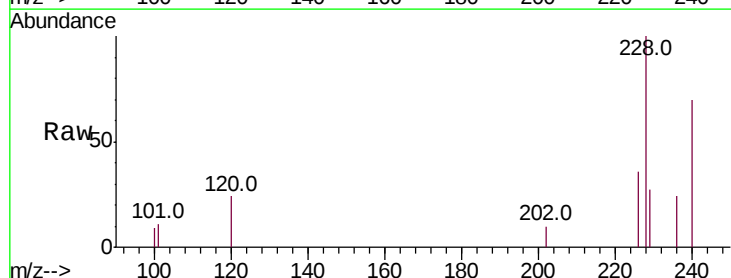
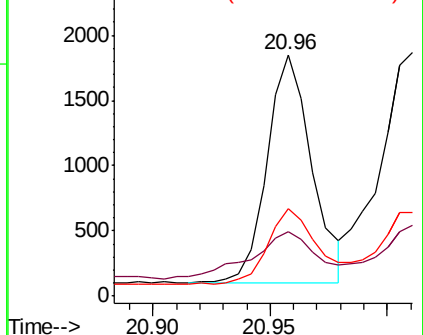
Acq: 2 Aug 2018 22:36

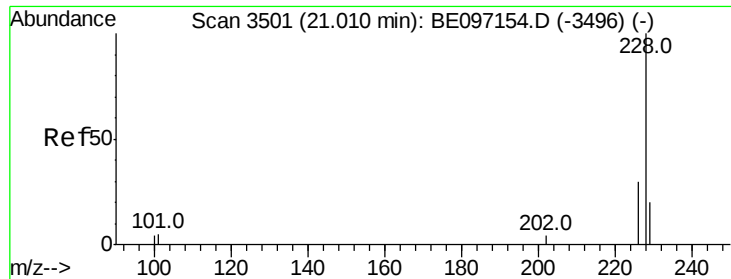
Tgt Ion:	228	Resp:	2318
Ion Ratio	Lower	Upper	
228	100		
229	26.9	22.8	34.2
226	36.1	17.0	25.6#

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





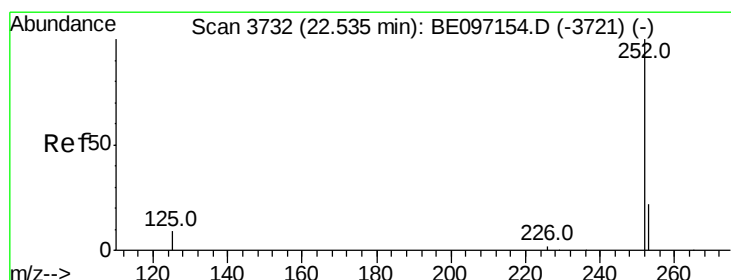
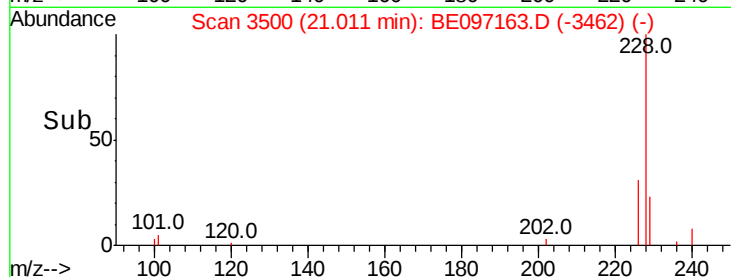
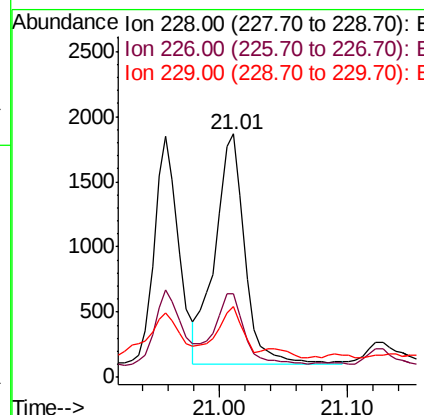
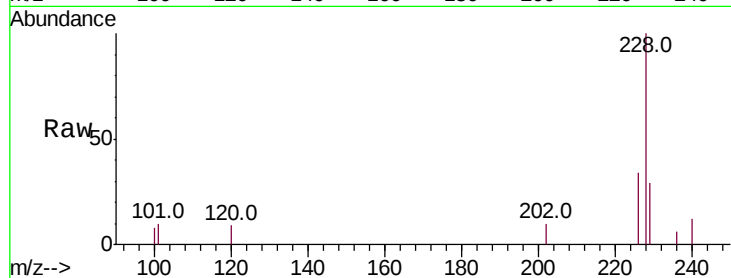
#19
Chrysene
Concen: 0.081 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097163.D
Acq: 2 Aug 2018 22:36

Instrument :
BNA_E
ClientSampleId :
JJ1J4

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.4	35.0
229	29.2	17.7	26.5

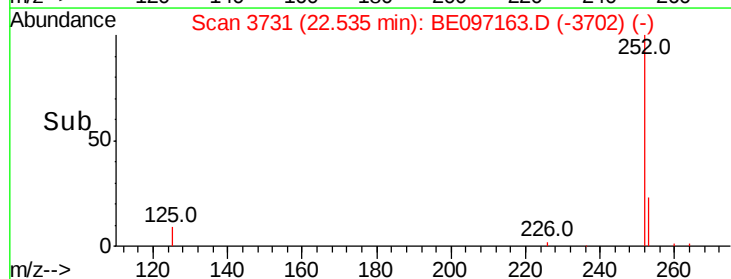
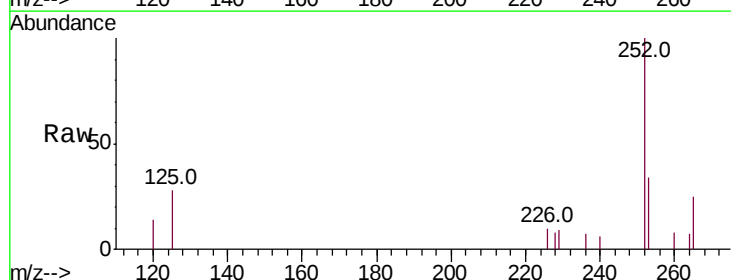
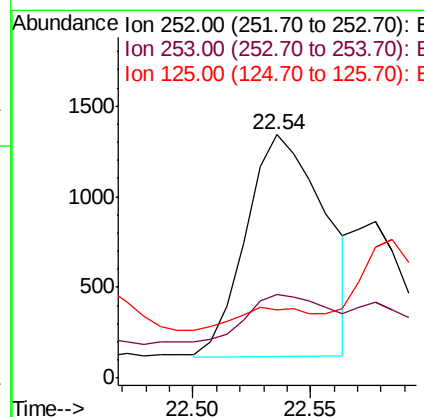
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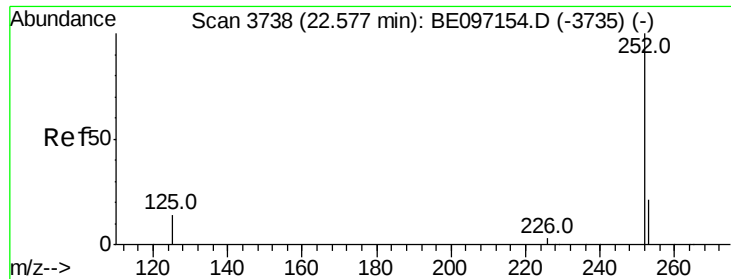
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#21
Benzo(b)fluoranthene
Concen: 0.103 ng/ul m
RT: 22.54 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE097163.D
Acq: 2 Aug 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	0.0	64.2
125	28.3	0.0	35.0





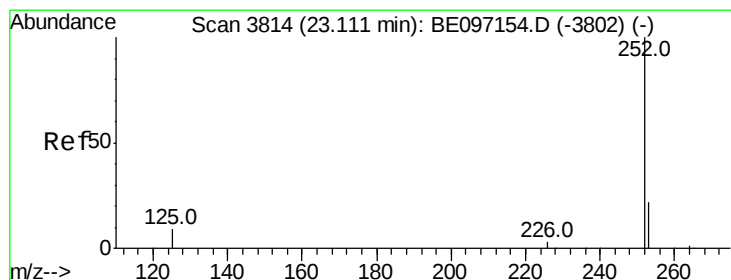
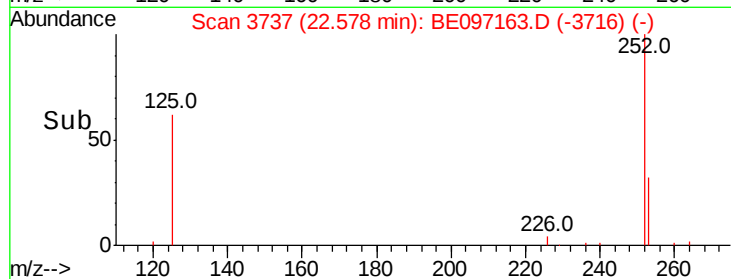
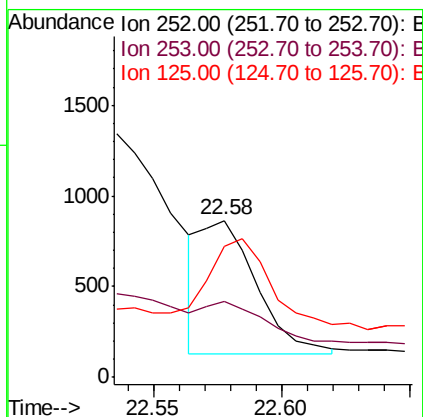
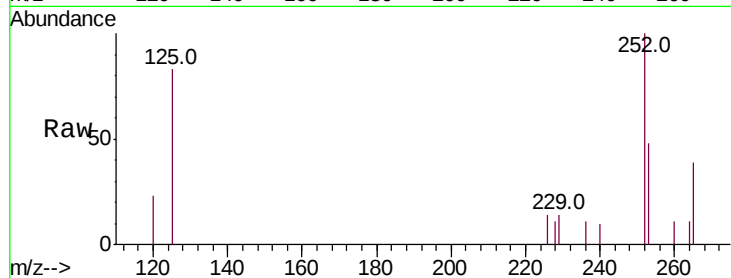
#22
Benzo(k)fluoranthene
Concen: 0.037 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BE097163.D
Acq: 2 Aug 2018 22:36

Instrument :
BNA_E
ClientSampleId :
JJ1J4

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.2	24.5	36.7#
125	83.0	13.7	20.5#

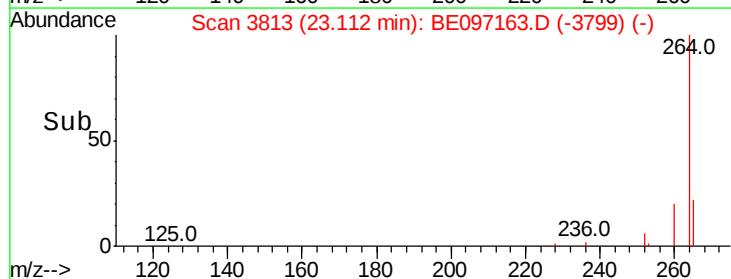
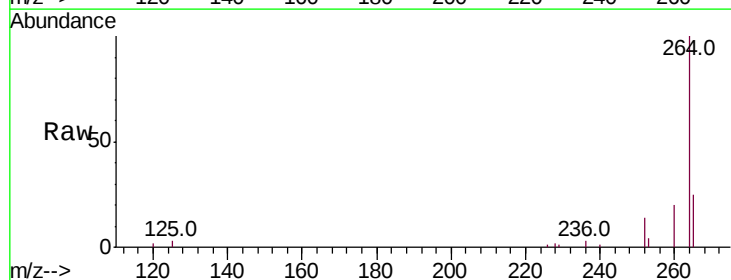
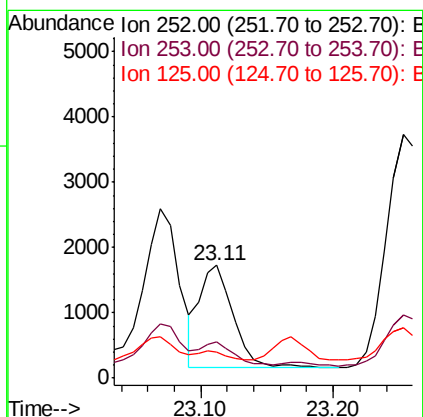
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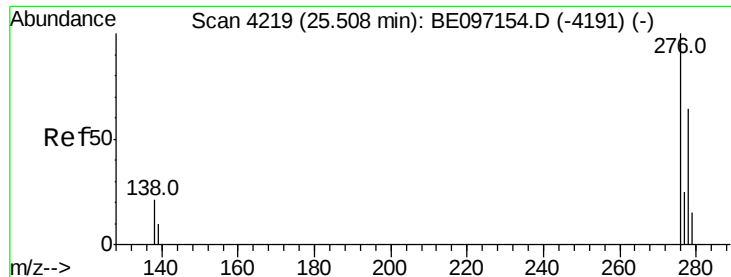
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#23
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 23.11 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097163.D
Acq: 2 Aug 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	28.5	42.7
125	22.6	18.1	27.1





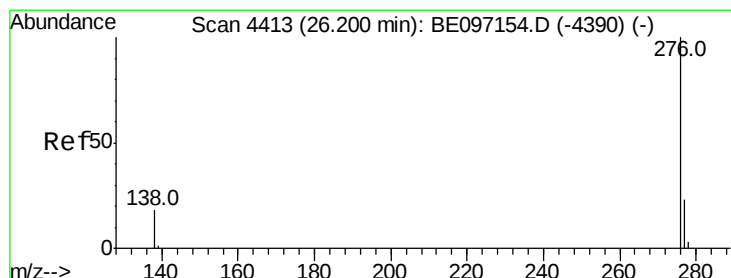
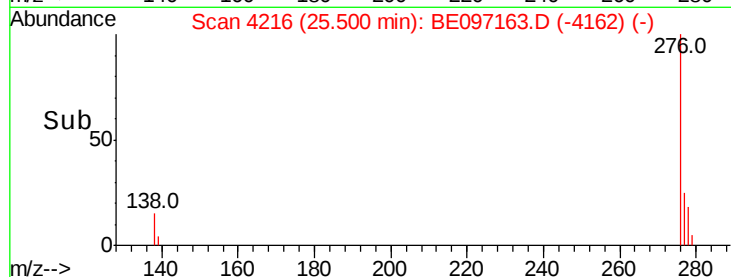
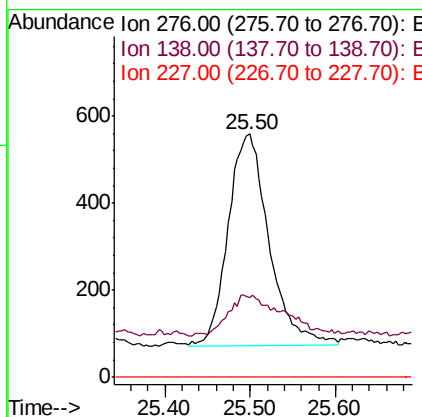
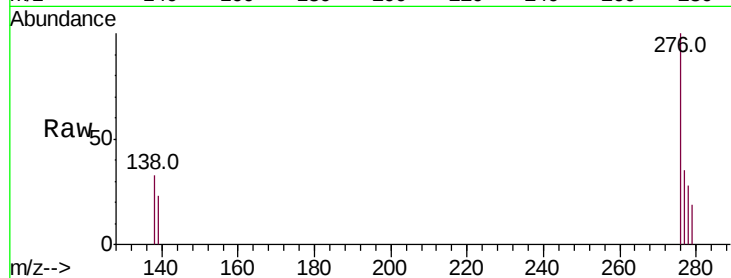
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.046 ng/uL
 RT: 25.50 min Scan# 4219
 Delta R.T. -0.01 min
 Lab File: BE097163.D
 Acq: 2 Aug 2018 22:36

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J4

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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#26
 Benzo(g,h,i)perylene
 Concen: 0.059 ng/uL
 RT: 26.20 min Scan# 4413
 Delta R.T. 0.01 min
 Lab File: BE097163.D
 Acq: 2 Aug 2018 22:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	21.8	32.8
277	32.1	20.5	30.7#

