Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097420.D
Acq On : 7 Sep 2018 12:05
Operator : SJ/JU
Sample : J4688-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z17

Manual Integrations APPROVED
Sohil
9/11/2018 2:42:26 PM

Quant Time: Sep 08 00:10:54 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 : Fri Sep 07 23:49:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	972	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5009	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3098	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8323m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9850m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	8815m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1008	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	3660m	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	338	0.028	ng/ul#	67
5) 2-Methylnaphthalene	11.80	142	272	0.035	ng/ul	96
12) Phenanthrene	16.80	178	1914m	0.089	ng/ul	
15) Fluoranthene	18.83	202	3211m	0.117	ng/ul	
17) Pyrene	19.19	202	3057m	0.115	ng/ul	
18) Benzo(a)anthracene	20.95	228	1572	0.062	ng/ul#	88
19) Chrysene	21.00	228	3036	0.104	ng/ul#	91
21) Benzo(b)fluoranthene	22.53	252	2854m	0.121	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	1098m	0.042	ng/ul	
23) Benzo(a)pyrene	23.10	252	1496	0.069	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.49	276	1267	0.045	ng/ul#	84
26) Benzo(g,h,i)perylene	26.19	276	1264	0.052	ng/ul#	92

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

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Instrument :
BNA_E
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Manual Integrations APPROVED
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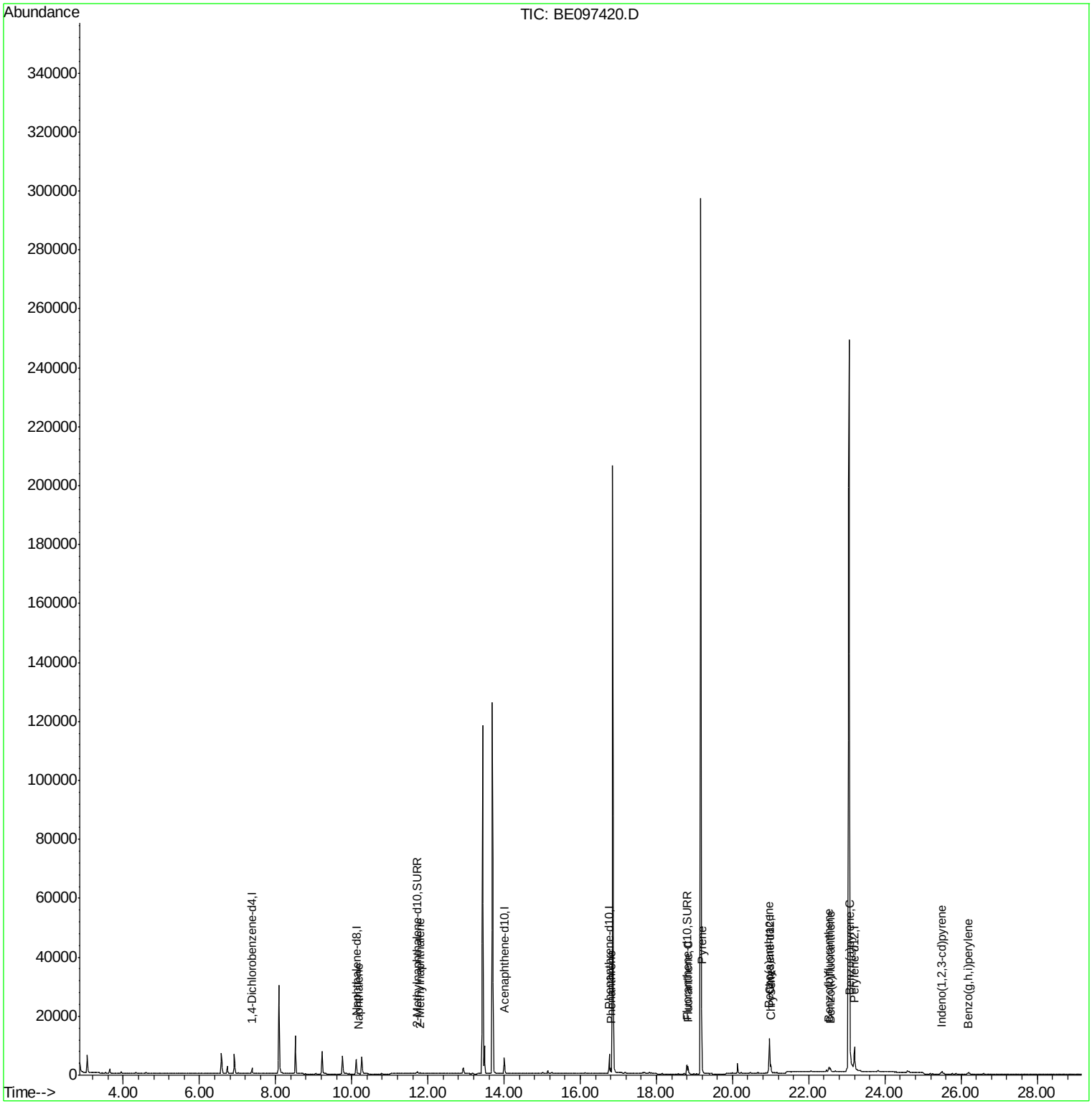

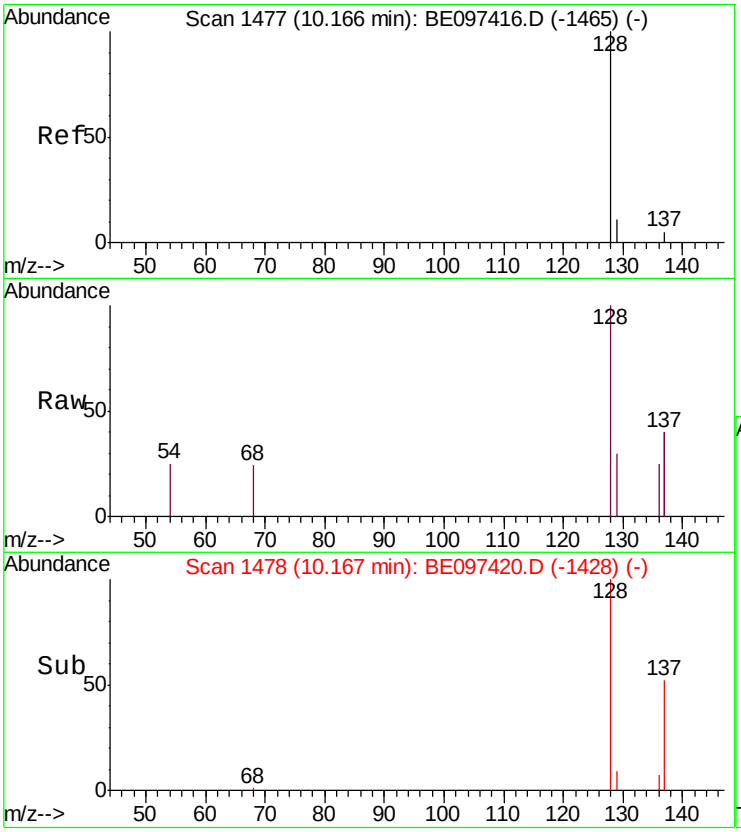

#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Instrument :
BNA_E
ClientSampleId :
A3Z17

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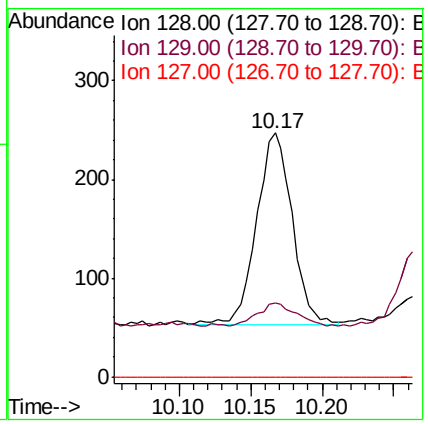
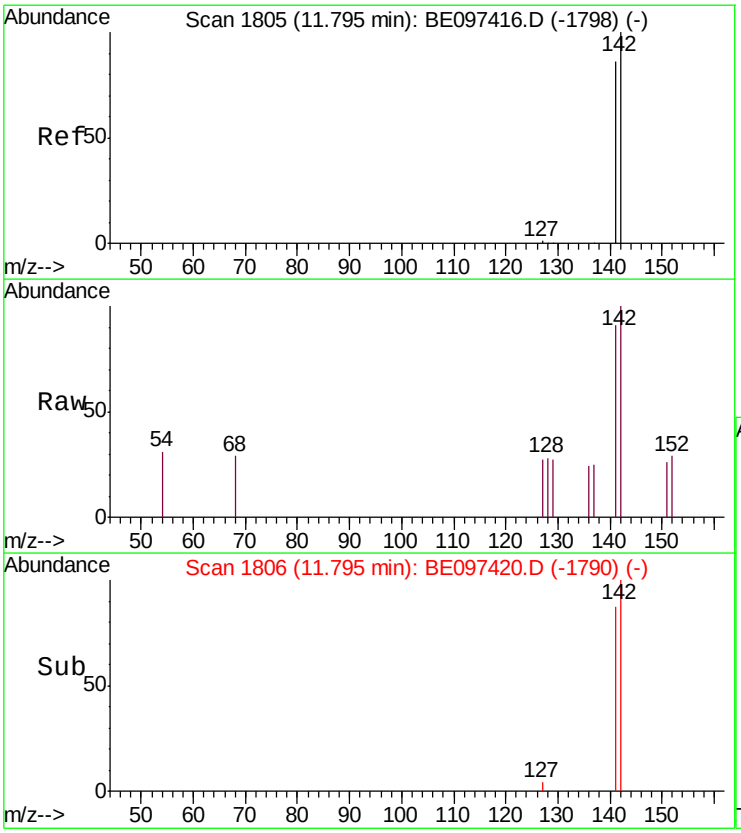
Tgt Ion:128 Resp: 338

Ion	Ratio	Lower	Upper
128	100		
129	30.4	11.3	16.9#
127	0.0	4.0	6.0#

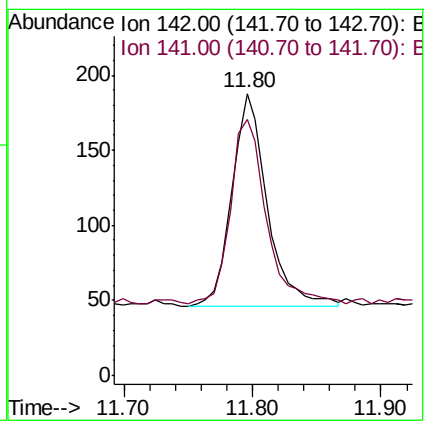


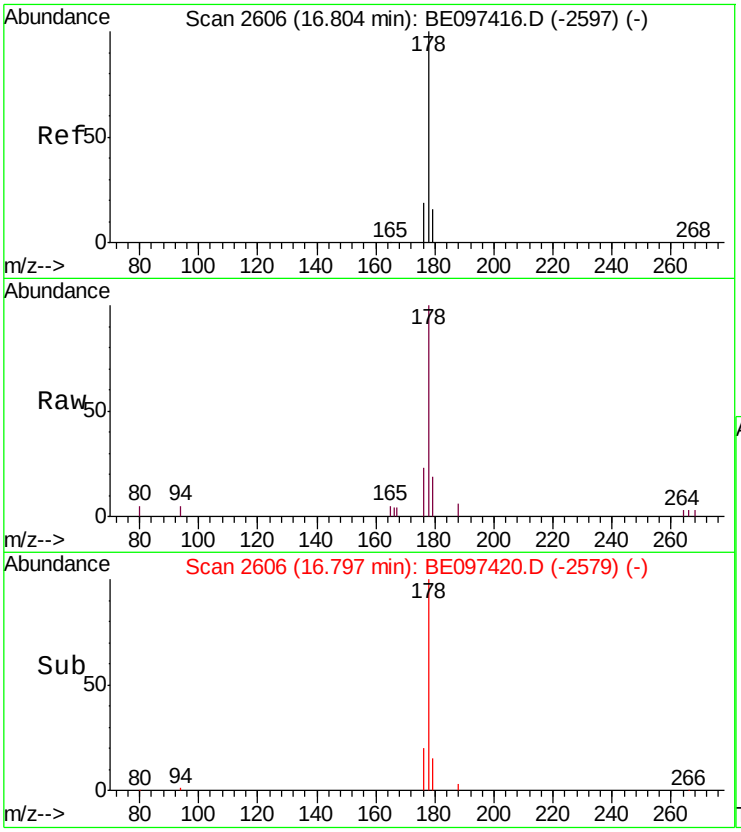


#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:142 Resp: 272

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	108.8





#12
Phenanthrene
Concen: 0.089 ng/ul m
RT: 16.80 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:178 Resp: 1914

Ion	Ratio	Lower	Upper
178	100		
179	19.0	18.4	27.6
176	22.6	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
A3Z17

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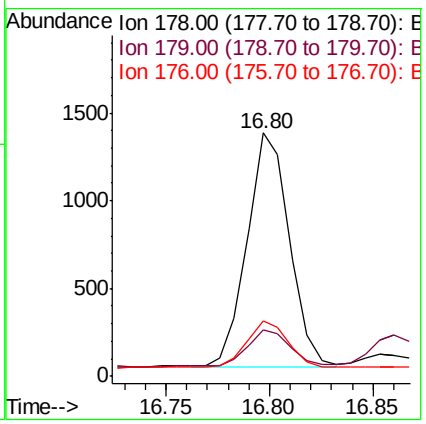
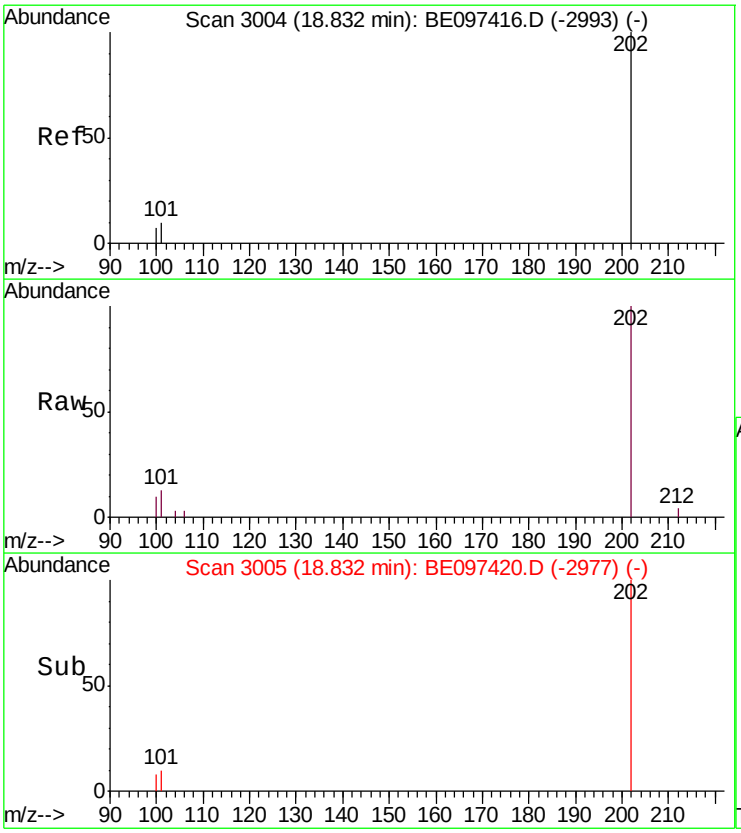
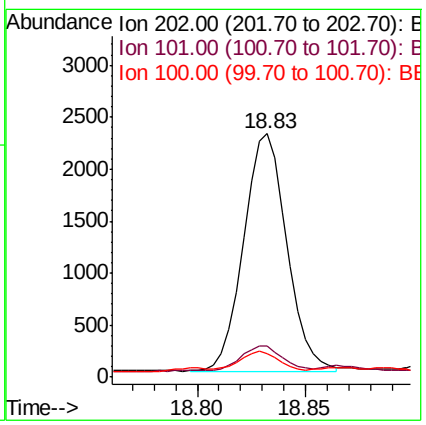


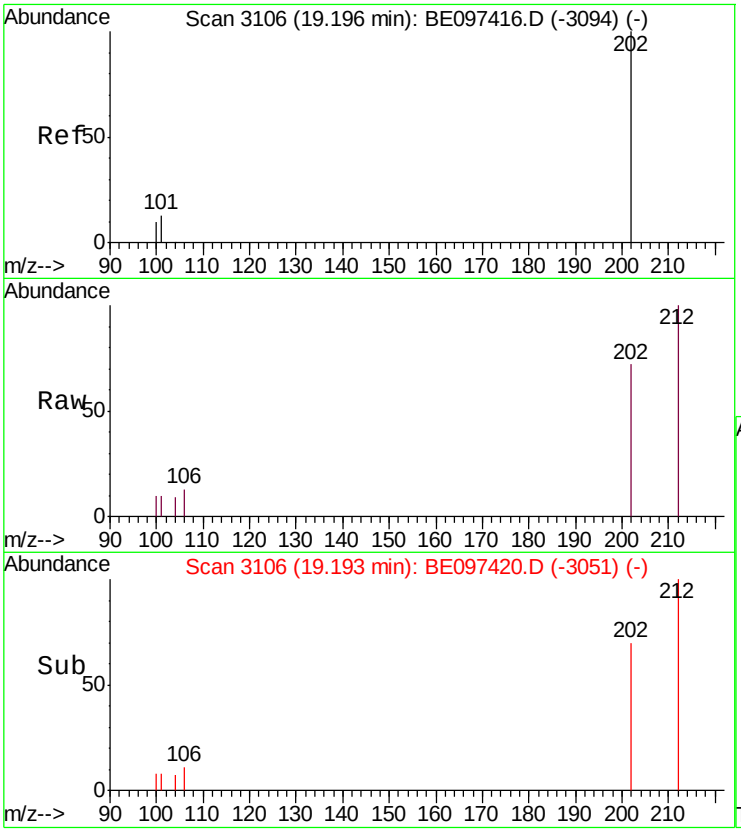


#15
Fluoranthene
Concen: 0.117 ng/ul m
RT: 18.83 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:202 Resp: 3211

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	9.8	0.0	39.5





#17
Pyrene
Concen: 0.115 ng/ul m
RT: 19.19 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:202 Resp: 3057

Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	13.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3Z17

Manual Integrations APPROVED
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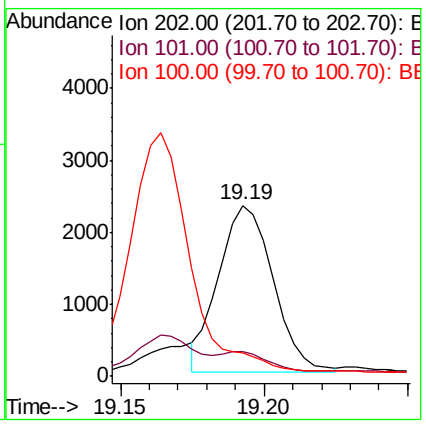
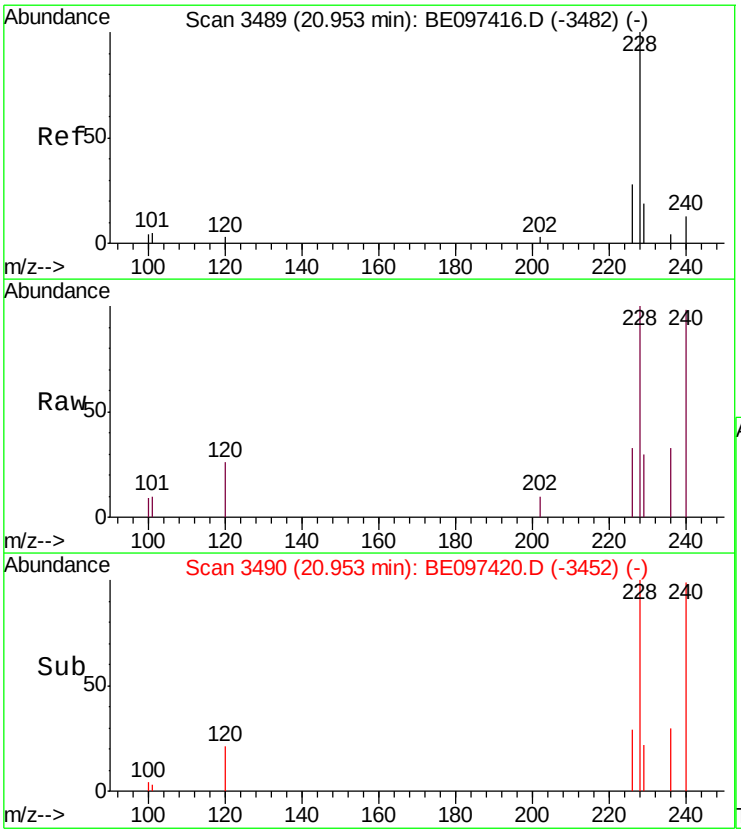
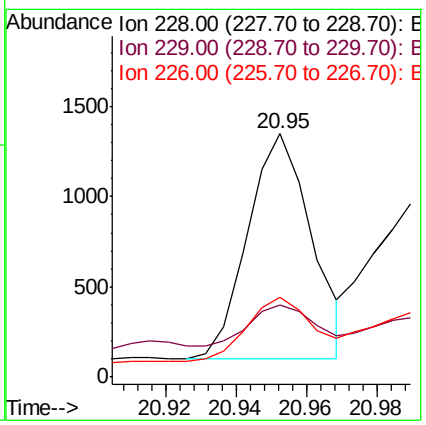


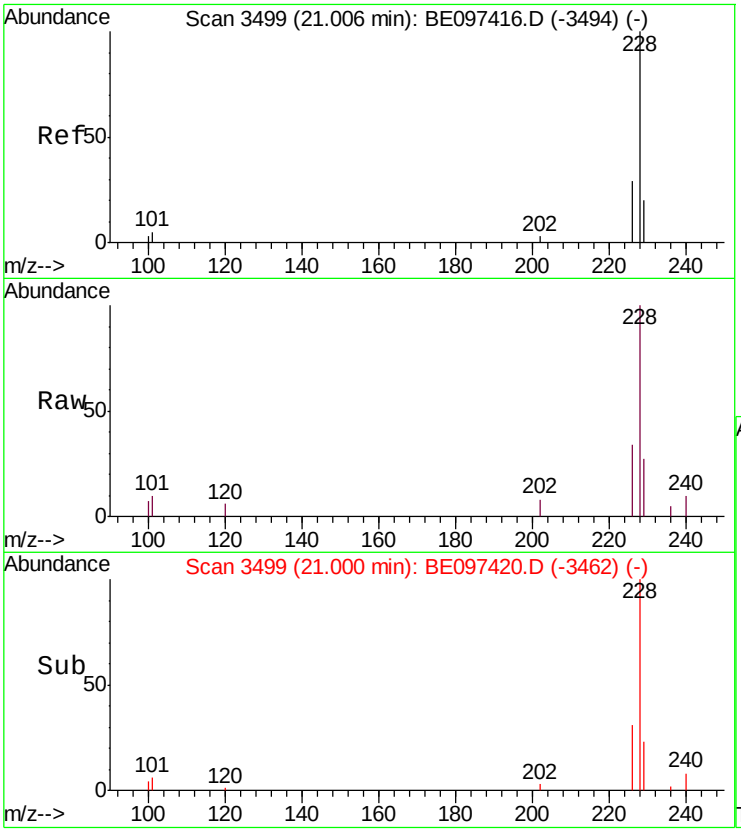


#18
Benzo(a)anthracene
Concen: 0.062 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:228 Resp: 1572

Ion	Ratio	Lower	Upper
228	100		
229	29.7	22.8	34.2
226	32.9	17.0	25.6#

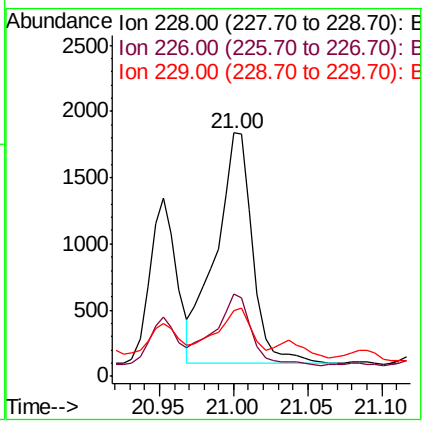




#19
Chrysene
Concen: 0.104 ng/ul
RT: 21.00 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:228 Resp: 3036

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.4	35.0
229	26.9	17.7	26.5#



Instrument :
BNA_E
ClientSampleId :
A3Z17

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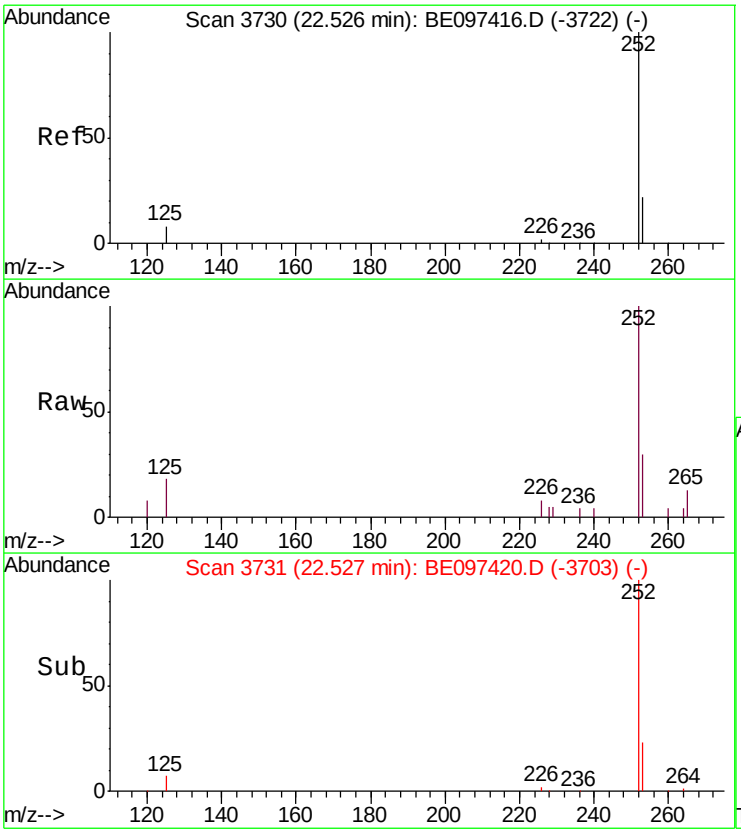
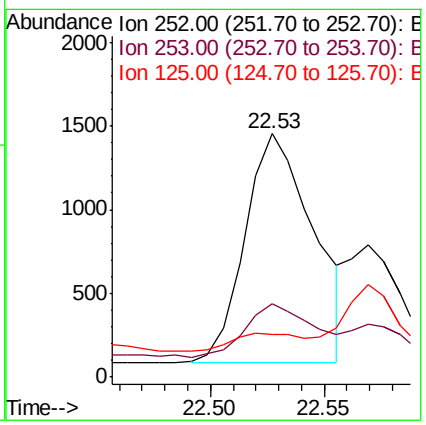
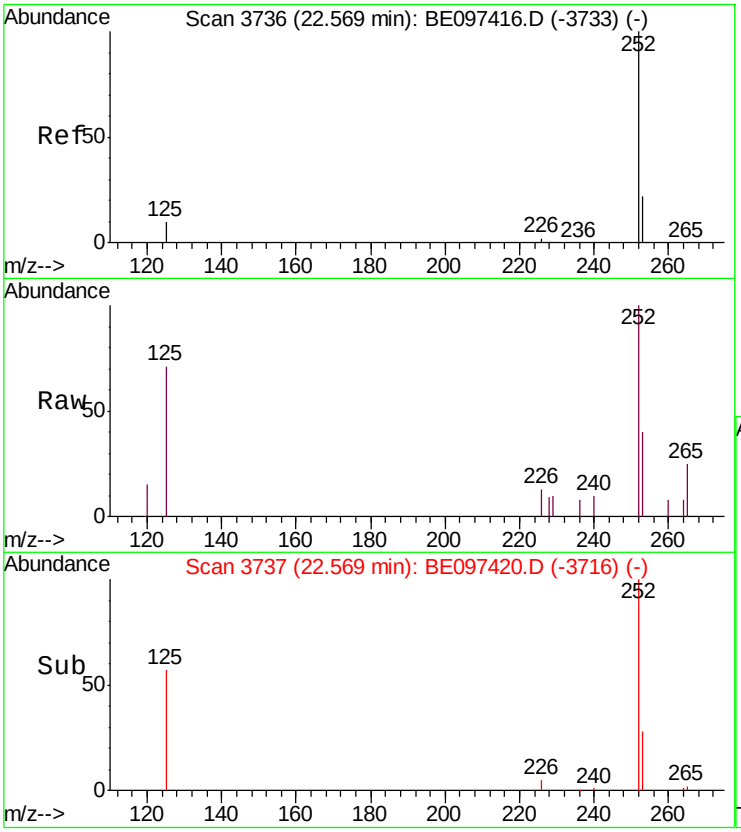


#21
Benzo(b)fluoranthene
Concen: 0.121 ng/ul m
RT: 22.53 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:252 Resp: 2854

Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	64.2
125	17.5	0.0	35.0

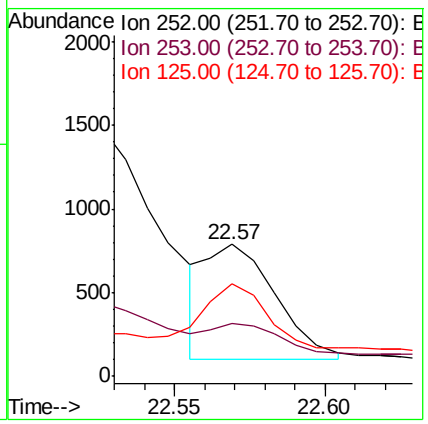




#22
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:252 Resp: 1098

Ion	Ratio	Lower	Upper
252	100		
253	39.8	24.5	36.7#
125	70.6	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
A3Z17

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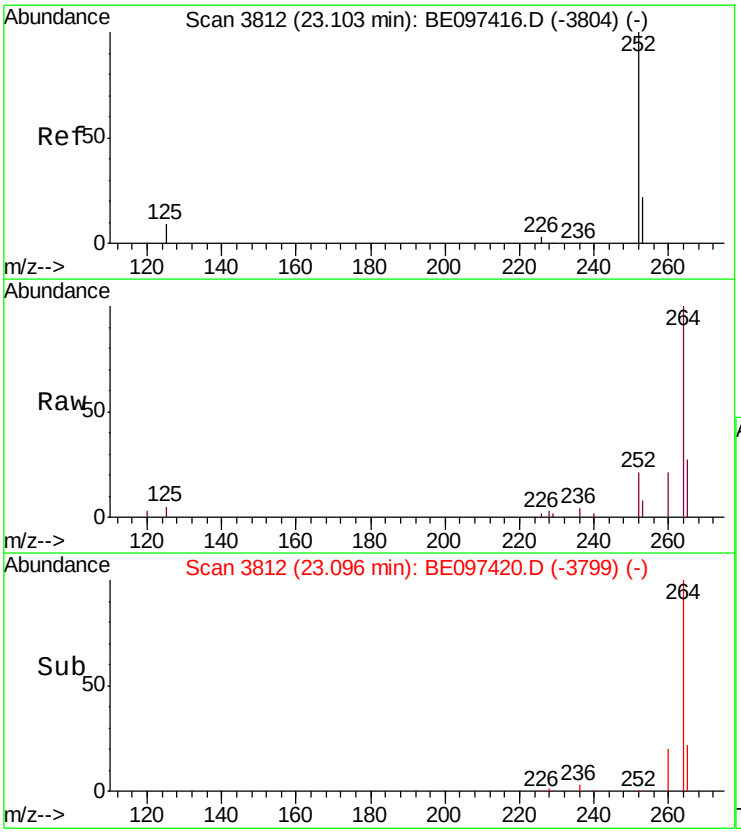
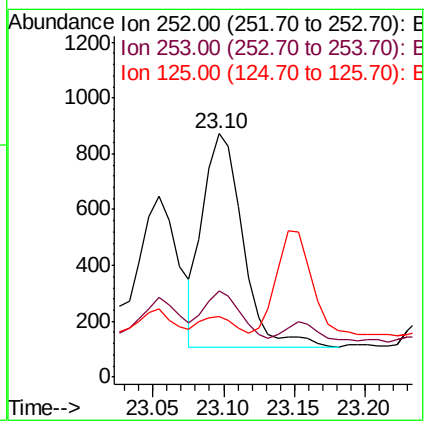
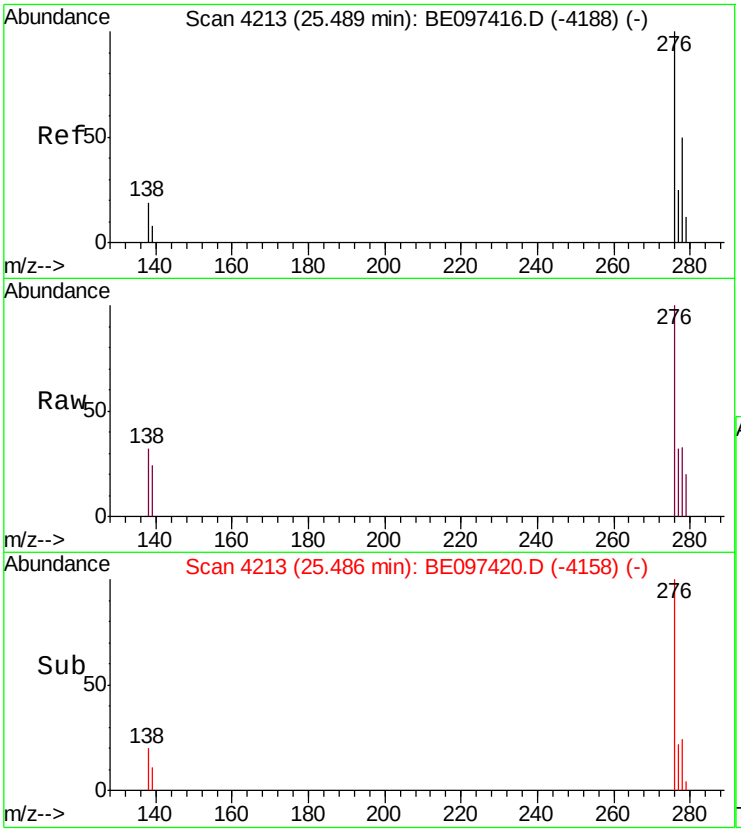


#23
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 23.10 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:252 Resp: 1496

Ion	Ratio	Lower	Upper
252	100		
253	35.6	28.5	42.7
125	24.8	18.1	27.1





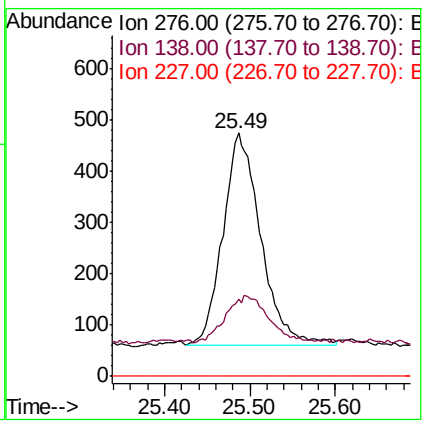
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.49 min Scan# 4213
Delta R.T. -0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

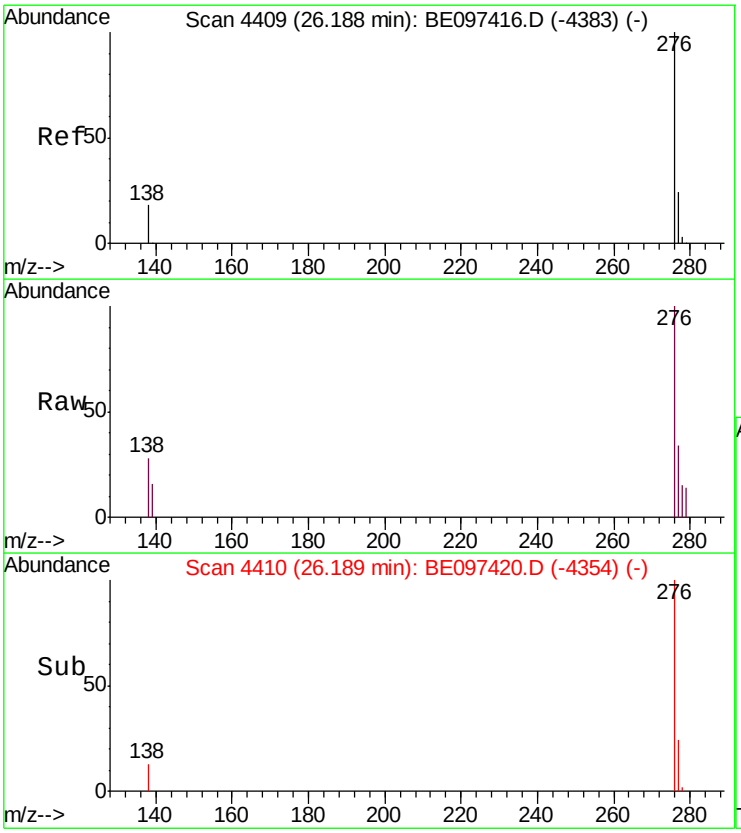
Tgt Ion:276 Resp: 1267

Ion	Ratio	Lower	Upper
276	100		
138	27.5	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Z17

Manual Integrations APPROVED
Sohil
9/11/2018 2:42:26 PM





#26
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.19 min Scan# 4410
Delta R.T. 0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:276 Resp: 1264

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.8	32.8
277	33.9	20.5	30.7#