Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
Data File : BE097166.D
Acq On : 3 Aug 2018 00:29
Operator : SJ/JU
Sample : J4171-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K8

Manual Integrations APPROVED
Sohil
8/3/2018 5:55:17 PM

Quant Time: Aug 03 07:45:50 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 23:40:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1329	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4344	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10829m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11592m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10053m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3665	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11394m	0.31	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.81	178	1439m	0.052	ng/ul	
15) Fluoranthene	18.84	202	2979m	0.082	ng/ul	
17) Pyrene	19.20	202	3650	0.118	ng/ul#	86
18) Benzo(a)anthracene	20.96	228	1739m	0.052	ng/ul	
19) Chrysene	21.01	228	2096m	0.061	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	3155m	0.115	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	829m	0.028	ng/ul	
23) Benzo(a)pyrene	23.11	252	2523	0.092	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	1898	0.055	ng/ul#	74
26) Benzo(g,h,i)perylene	26.19	276	2105	0.071	ng/ul	93

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

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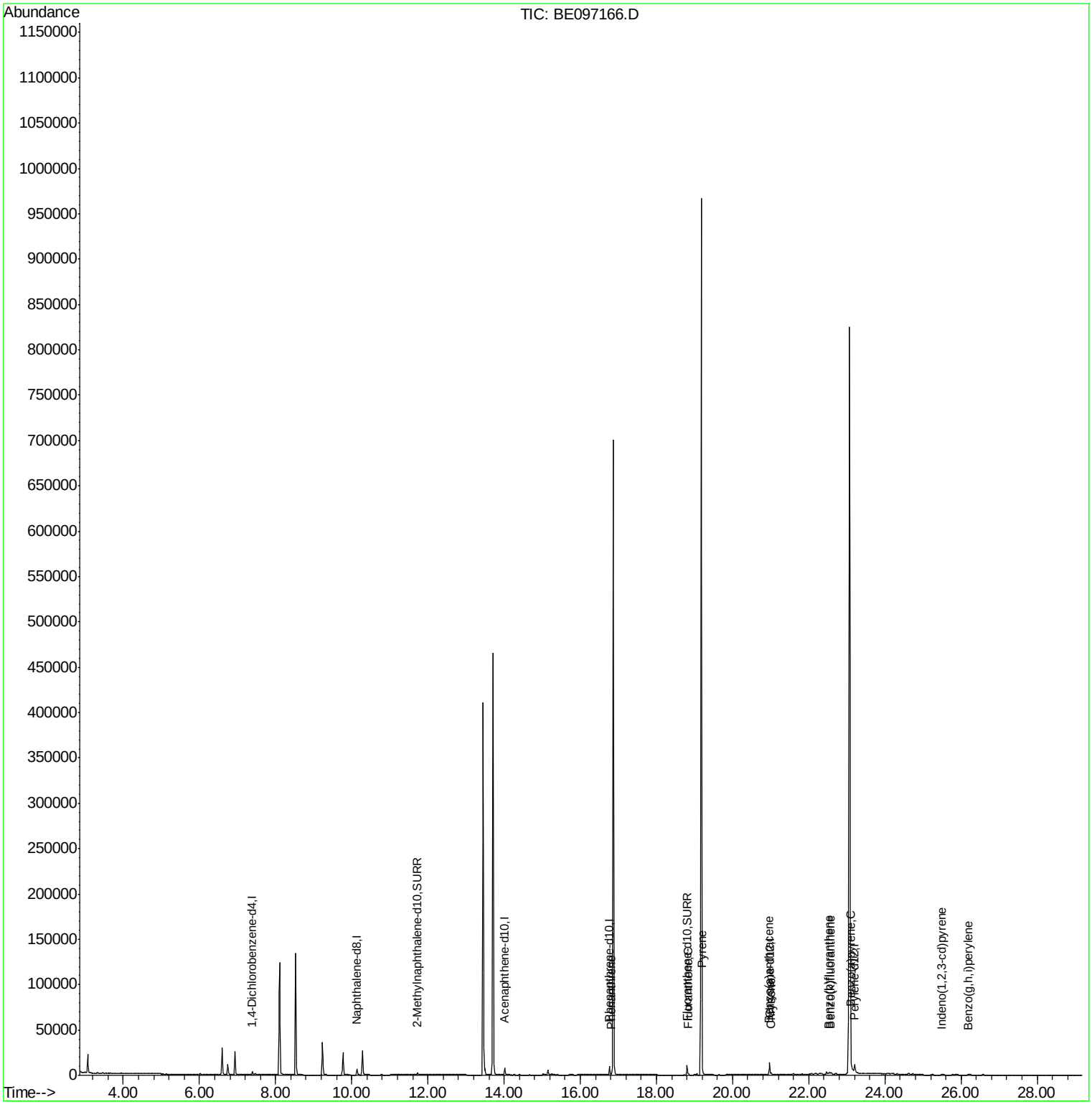
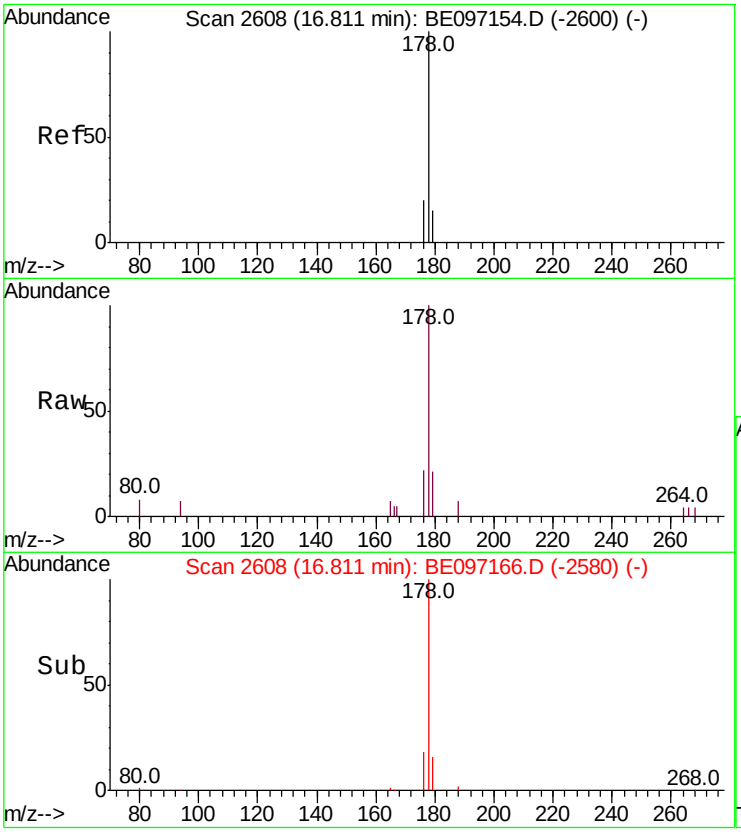
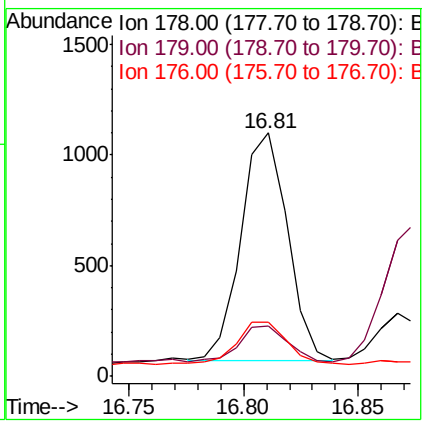




#12
Phenanthrene
Concen: 0.052 ng/ul m
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:178 Resp: 1439

Ion	Ratio	Lower	Upper
178	100		
179	20.5	18.4	27.6
176	22.4	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
JJ1K8

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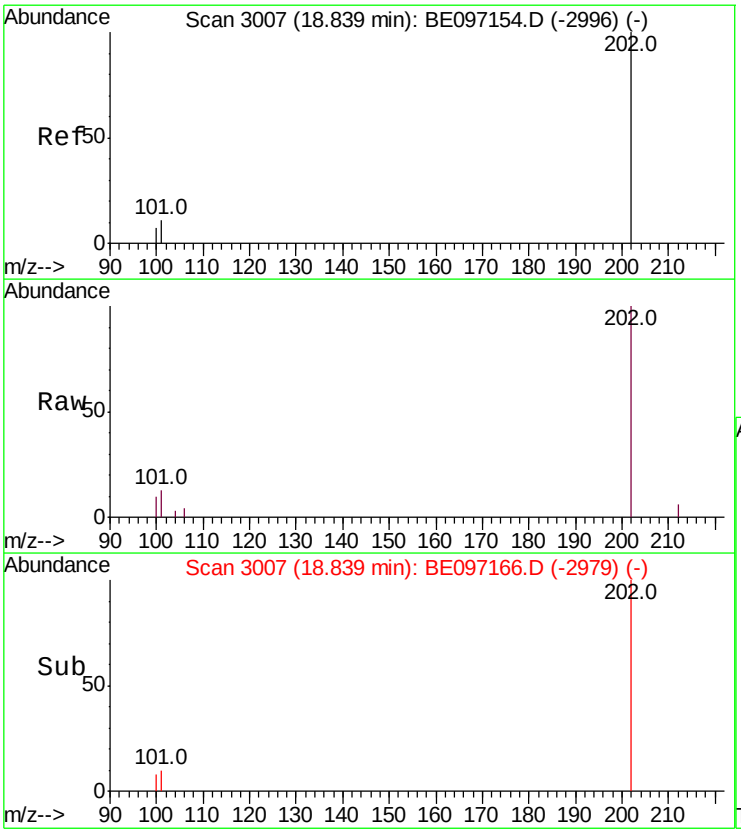
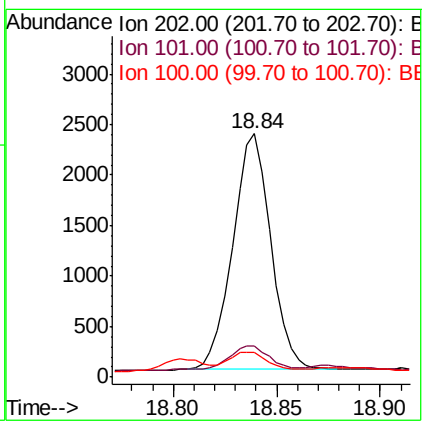
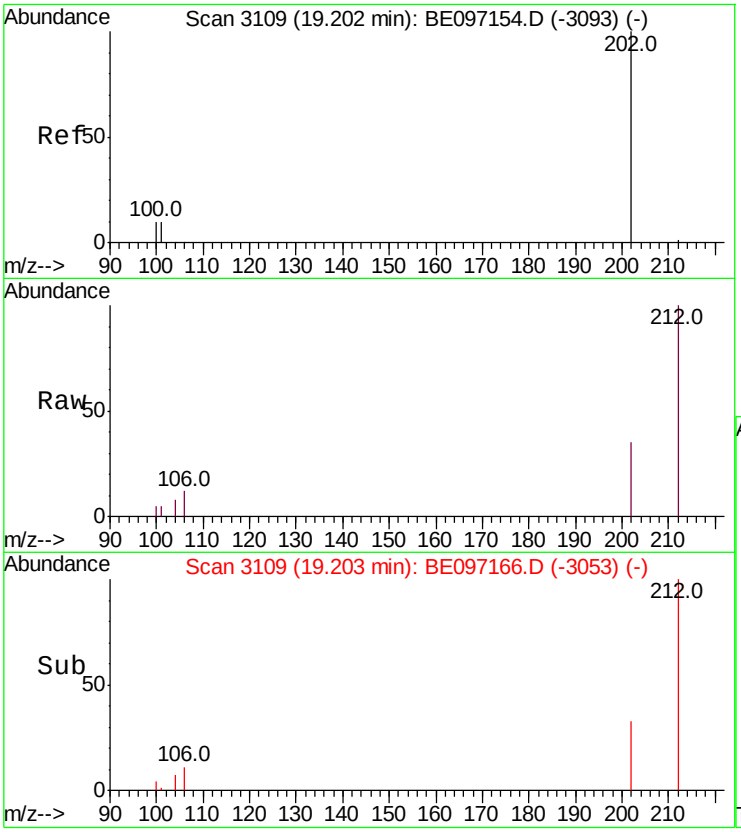


#15
Fluoranthene
Concen: 0.082 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:202 Resp: 2979

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	10.0	0.0	39.5

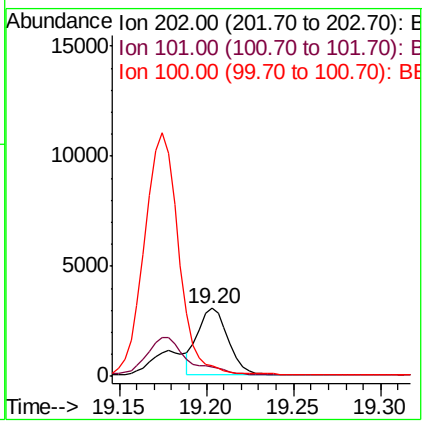




#17
Pyrene
Concen: 0.118 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:202 Resp: 3650

Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	14.7	15.6	23.4#



Instrument :
BNA_E
ClientSampleId :
JJ1K8

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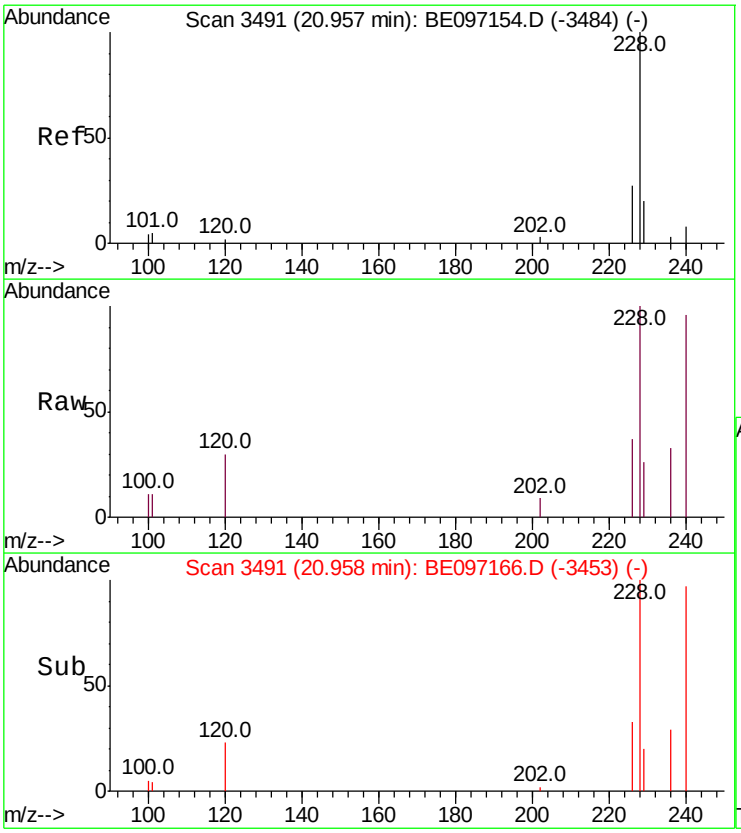
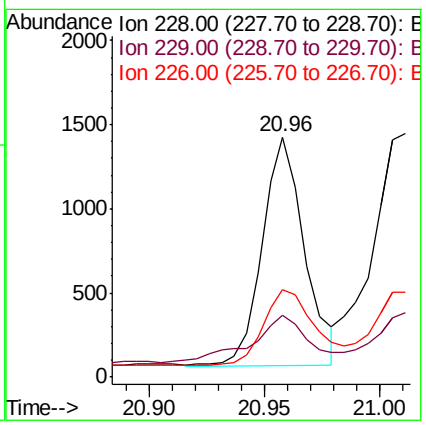
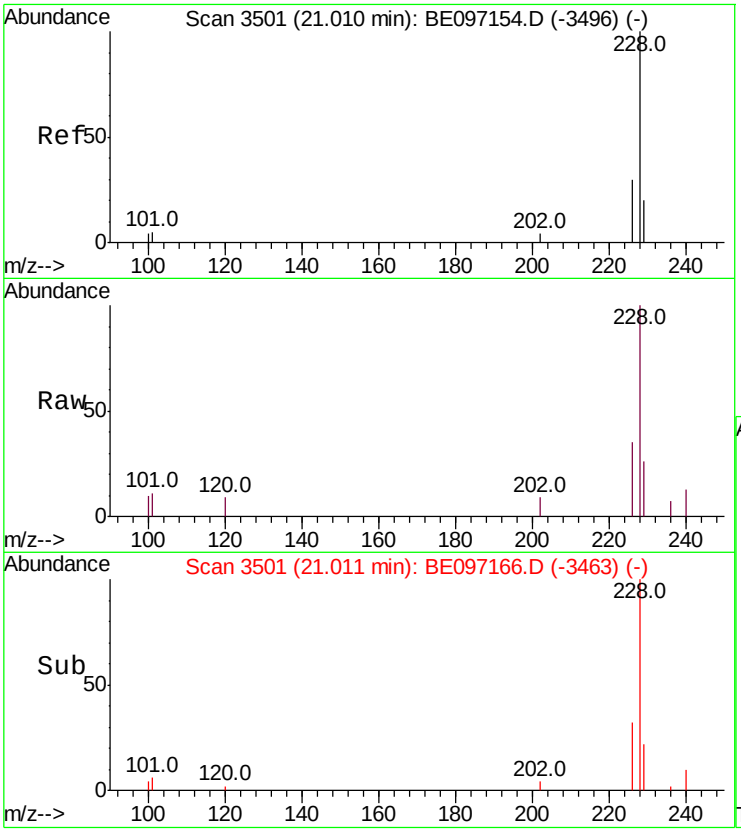


#18
Benzo(a)anthracene
Concen: 0.052 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:228 Resp: 1739

Ion	Ratio	Lower	Upper
228	100		
229	25.8	22.8	34.2
226	36.6	17.0	25.6#

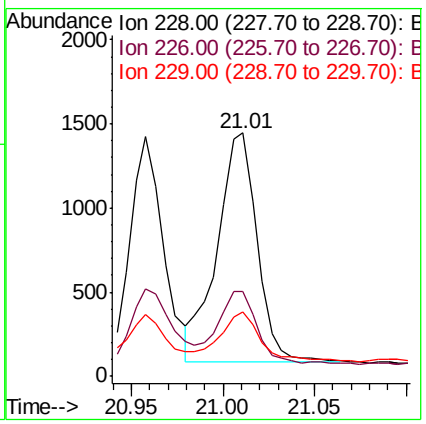




#19
Chrysene
Concen: 0.061 ng/ul m
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:228 Resp: 2096

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



Instrument :
BNA_E
ClientSampleId :
JJ1K8

Manual Integrations APPROVED
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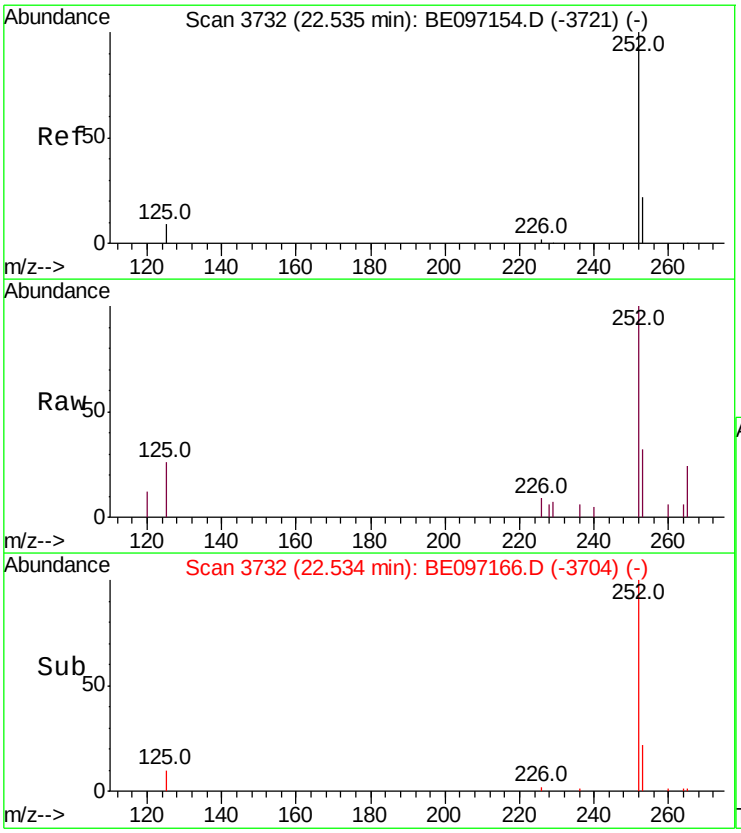
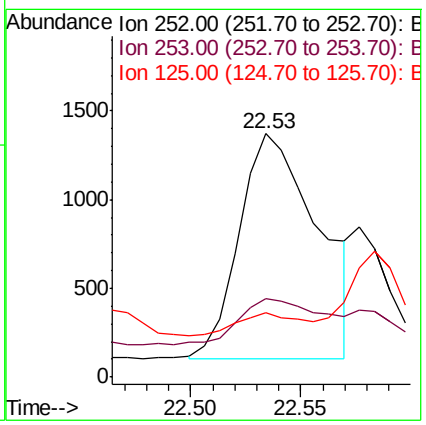
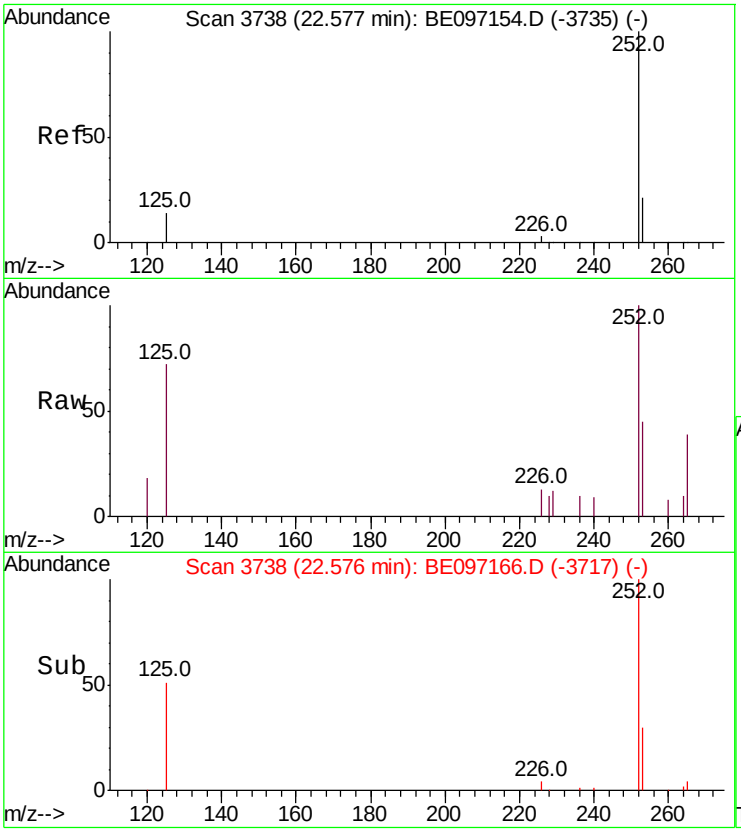


#21
Benzo(b)fluoranthene
Concen: 0.115 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:252 Resp: 3155

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	64.2
125	26.2	0.0	35.0

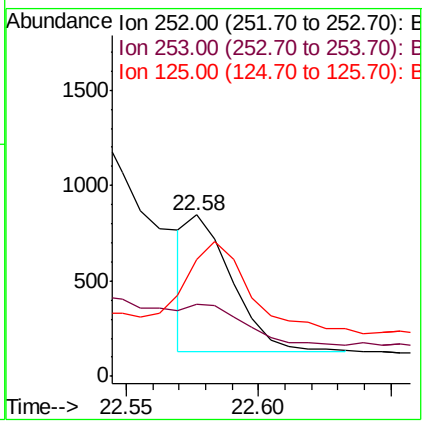




#22
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:252 Resp: 829

Ion	Ratio	Lower	Upper
252	100		
253	44.9	24.5	36.7#
125	72.4	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
JJ1K8

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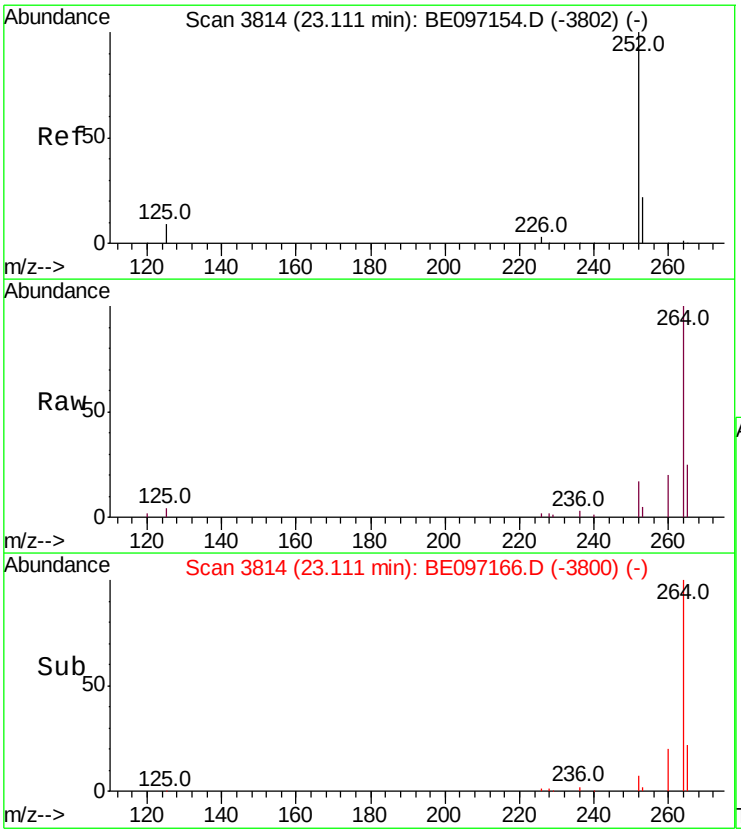
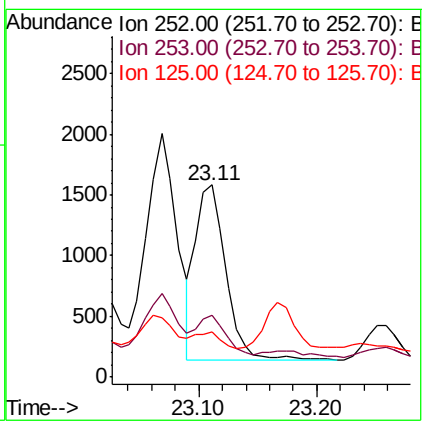
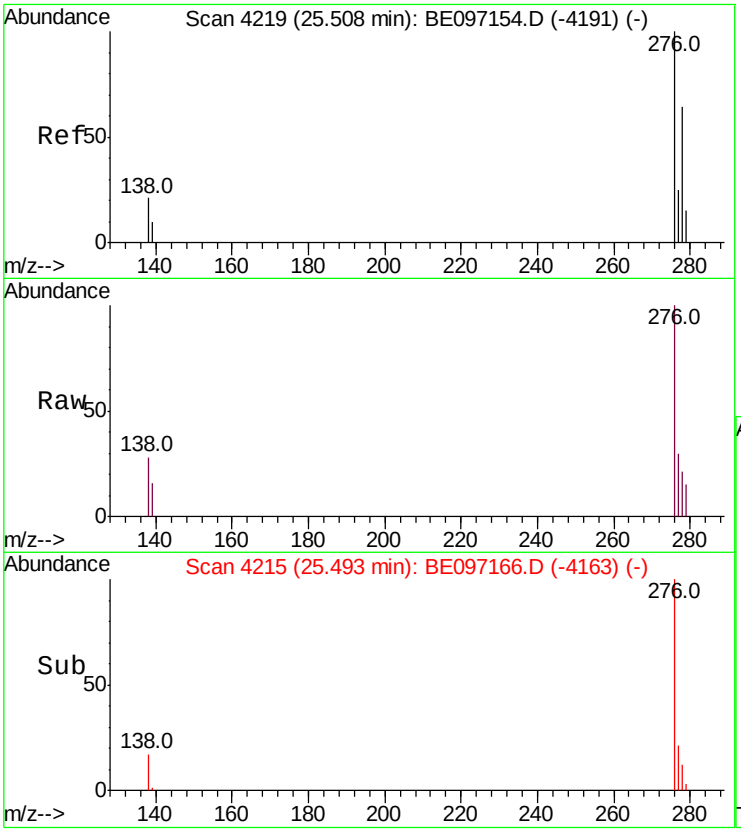


#23
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:252 Resp: 2523

Ion	Ratio	Lower	Upper
252	100		
253	32.4	28.5	42.7
125	23.5	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 25.49 min Scan# 4215
Delta R.T. -0.02 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:276 Resp: 1898

Ion	Ratio	Lower	Upper
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
JJ1K8

Manual Integrations APPROVED
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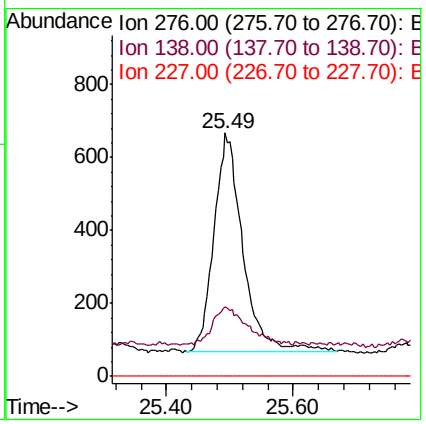

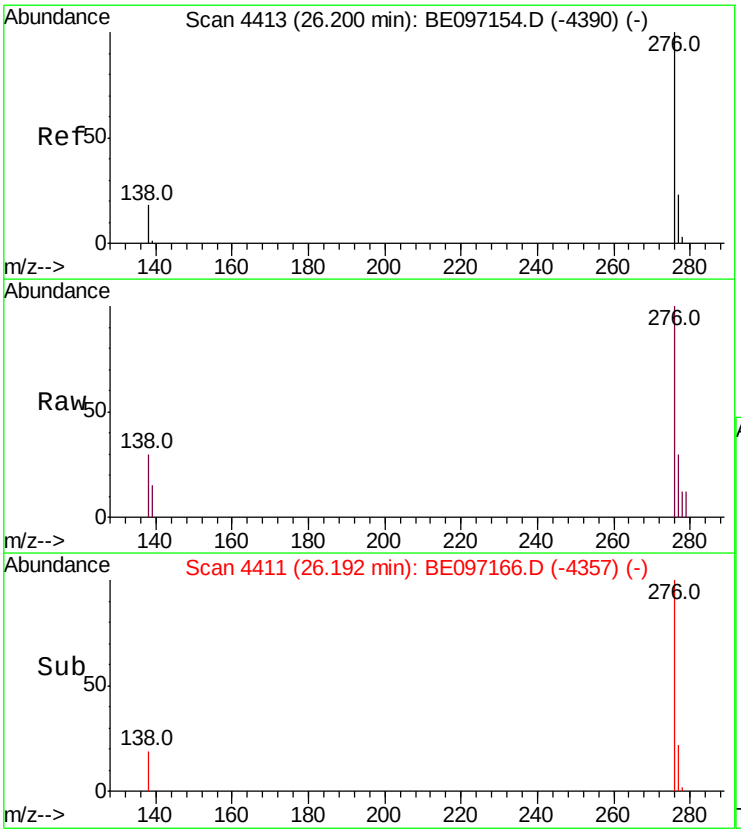

#26
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 26.19 min Scan# 4411
Delta R.T. -0.01 min
Lab File: BE097166.D
Acq: 3 Aug 2018 00:29

Tgt Ion:276 Resp: 2105

Ion	Ratio	Lower	Upper
276	100		
138	30.3	21.8	32.8
277	30.3	20.5	30.7