Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM

Quant Time: Sep 06 09:01:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	218091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	982593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	567714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1204401	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	856427	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	728322	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1375	0.30	ng/uL	0.00
5) Phenol-d5	6.86	99	30824	1.54	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	22196	1.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	25644	1.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	25101	1.57	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	12363	1.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	12549	1.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	24518m	1.62	ng/ul	0.02
29) 4-Chloroaniline-d4	10.59	131	22207	1.36	ng/ul	0.01
43) Dimethylphthalate-d6	13.71	166	91976	1.95	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	111855	1.94	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.29	176	84142	2.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.14	188	119477	2.08	ng/ul	0.00
78) Pyrene-d10	19.44	212	115457	2.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	83356	2.19	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.09	178	399598	6.018	ng/ul	99
71) Anthracene	17.17	178	75027	1.114	ng/ul	99
76) Fluoranthene	19.10	202	611219	8.088	ng/ul	99
79) Pyrene	19.47	202	897844	17.386	ng/ul	99
82) Benzo(a)anthracene	21.23	228	270667	5.159	ng/ul	99
84) Chrysene	21.28	228	322065	6.486	ng/ul	99
87) Benzo(b)fluoranthene	22.80	252	302400	6.927	ng/ul	98
88) Benzo(k)fluoranthene	22.83	252	98469m	2.394	ng/ul	
90) Benzo(a)pyrene	23.36	252	245911	5.913	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	157166	3.177	ng/ul#	93
93) Benzo(g,h,i)perylene	26.34	276	156903	3.801	ng/ul	95

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

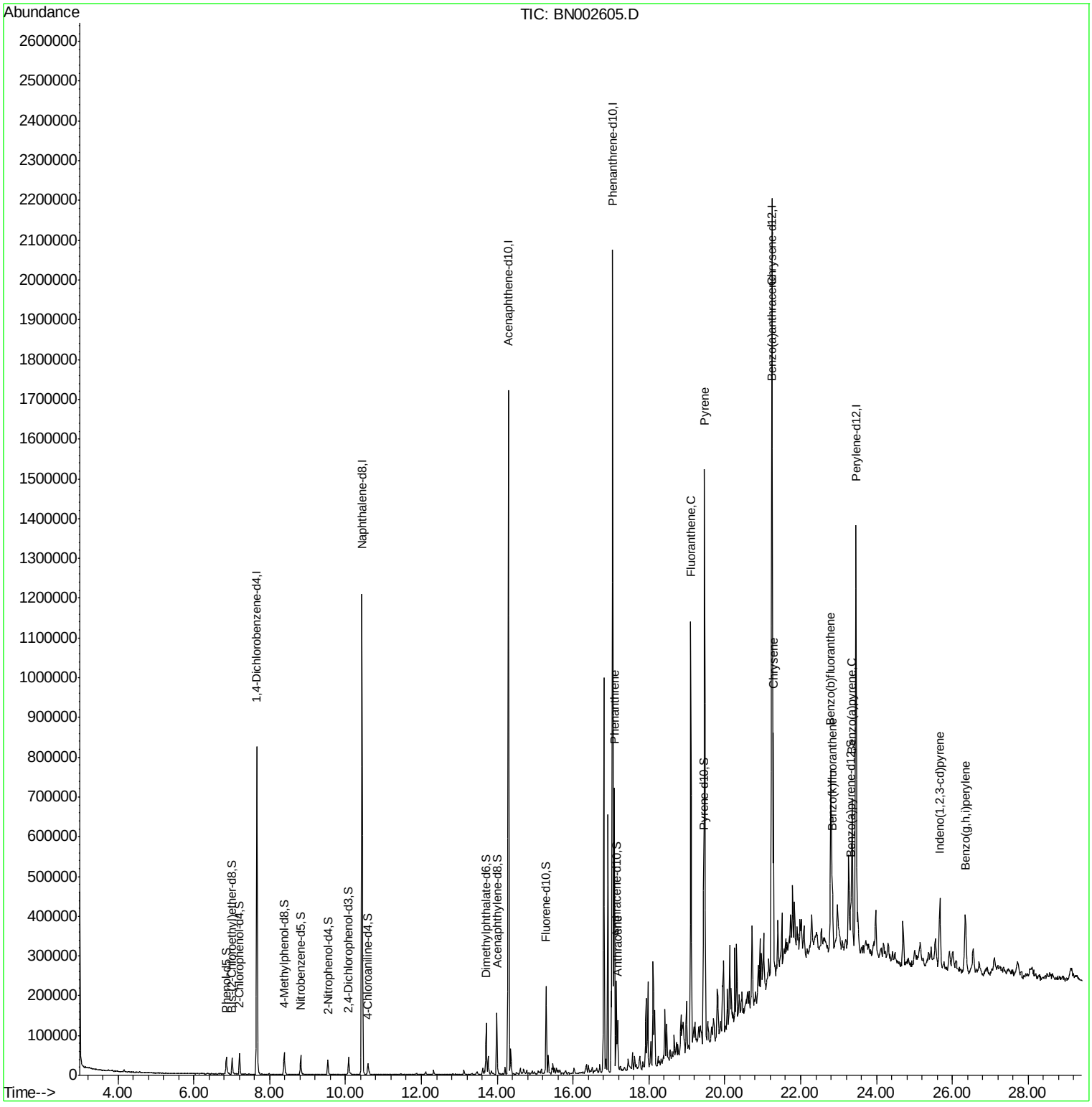
Quantitation Report (LSC Reviewed)

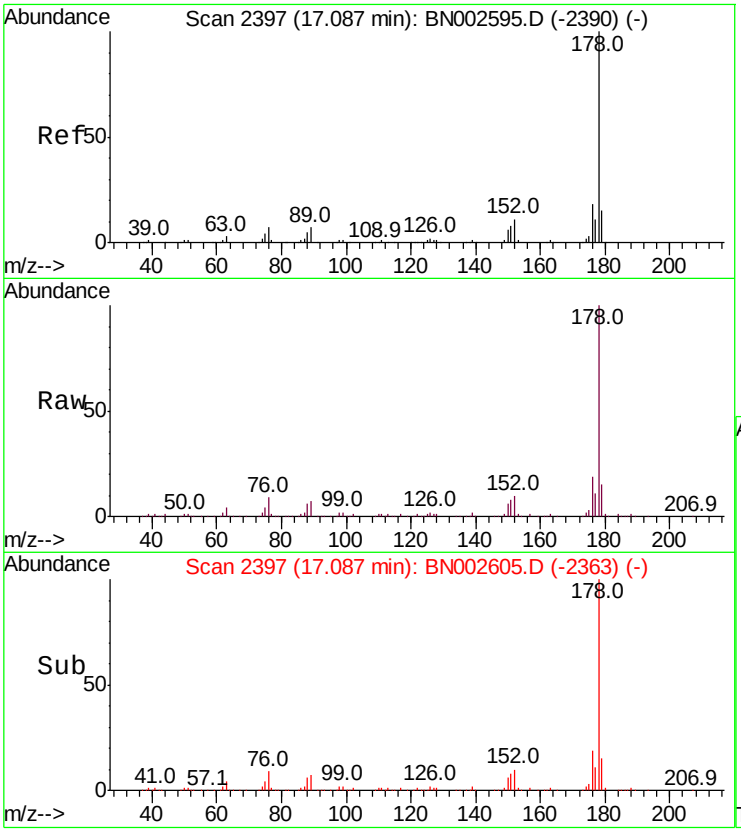
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 06 09:01:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3YY8

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM

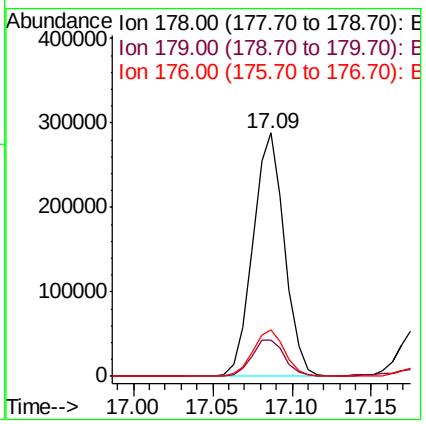




#69
Phenanthrene
Concen: 6.018 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

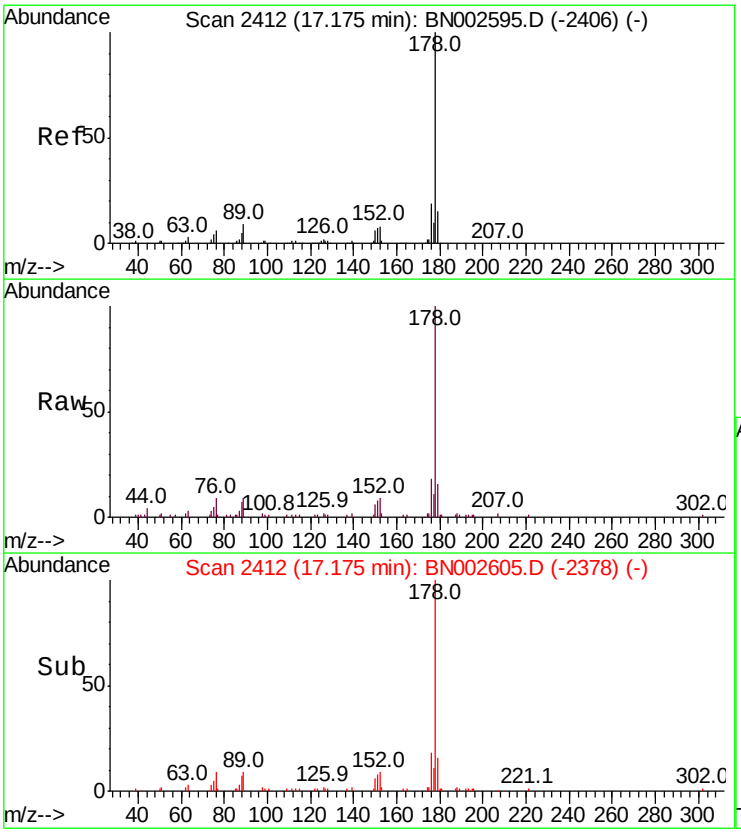
Tgt Ion:178 Resp: 399598

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	19.1	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
A3YY8

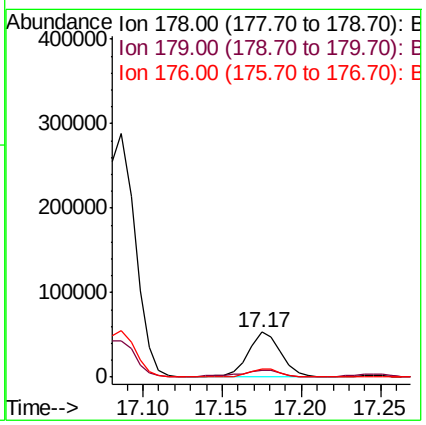
Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM

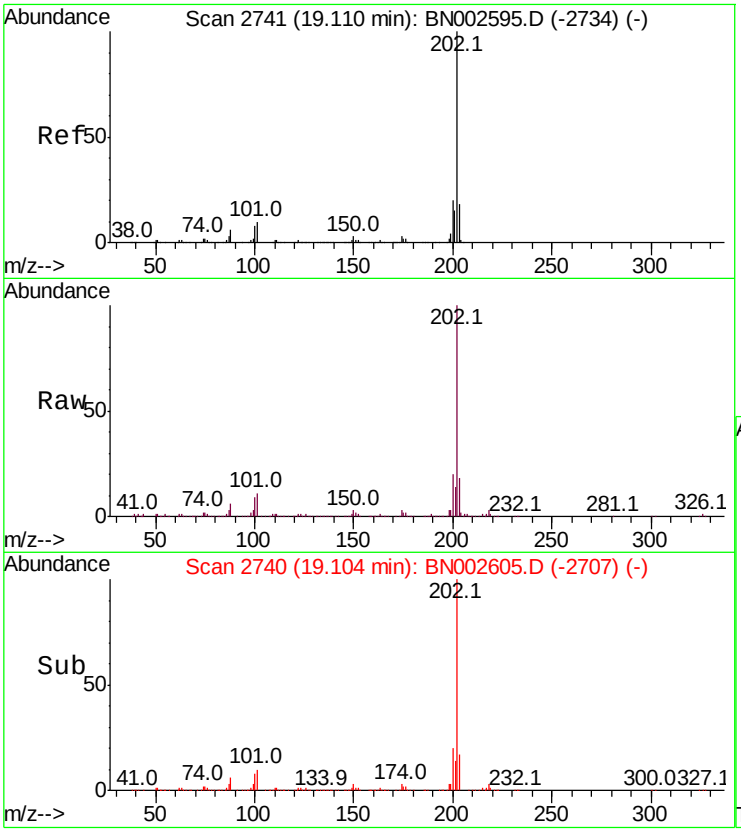


#71
Anthracene
Concen: 1.114 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Tgt Ion:178 Resp: 75027

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	17.9	14.8	22.2

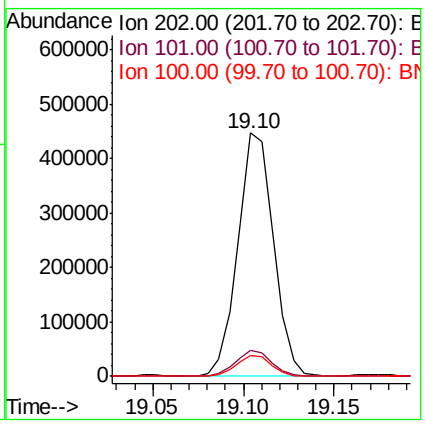




#76
Fluoranthene
Concen: 8.088 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

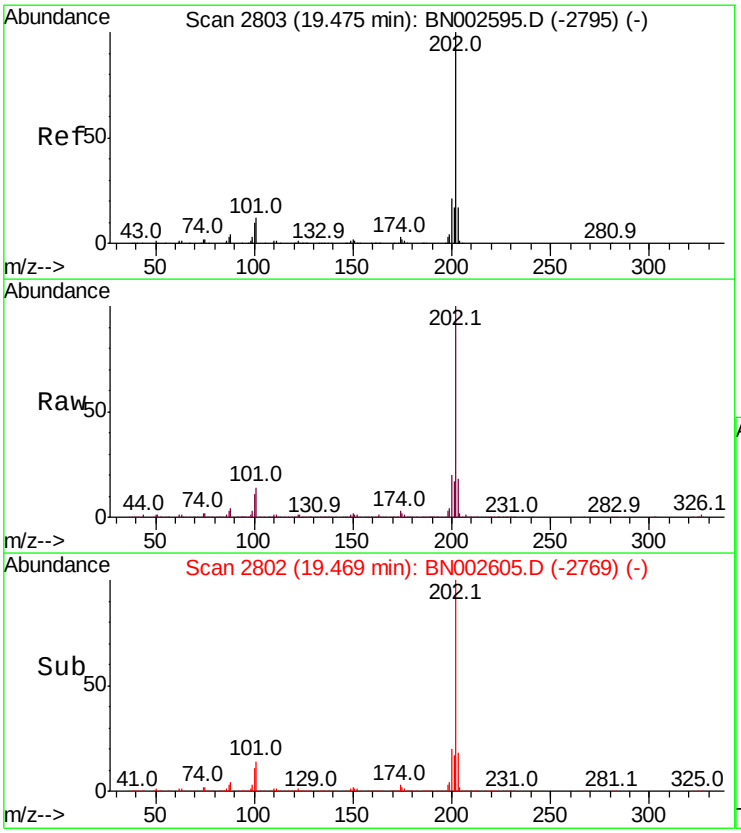
Tgt Ion:202 Resp: 611219

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.8	13.2
100	8.5	6.6	9.8



Instrument :
BNA_N
ClientSampleId :
A3YY8

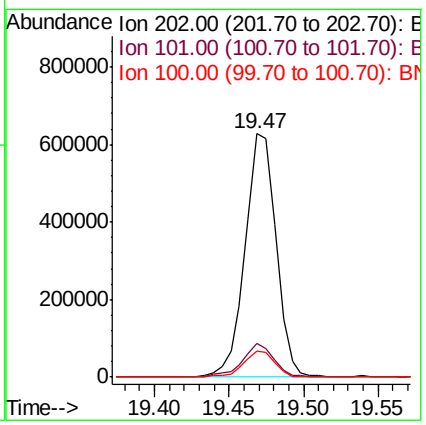
Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM

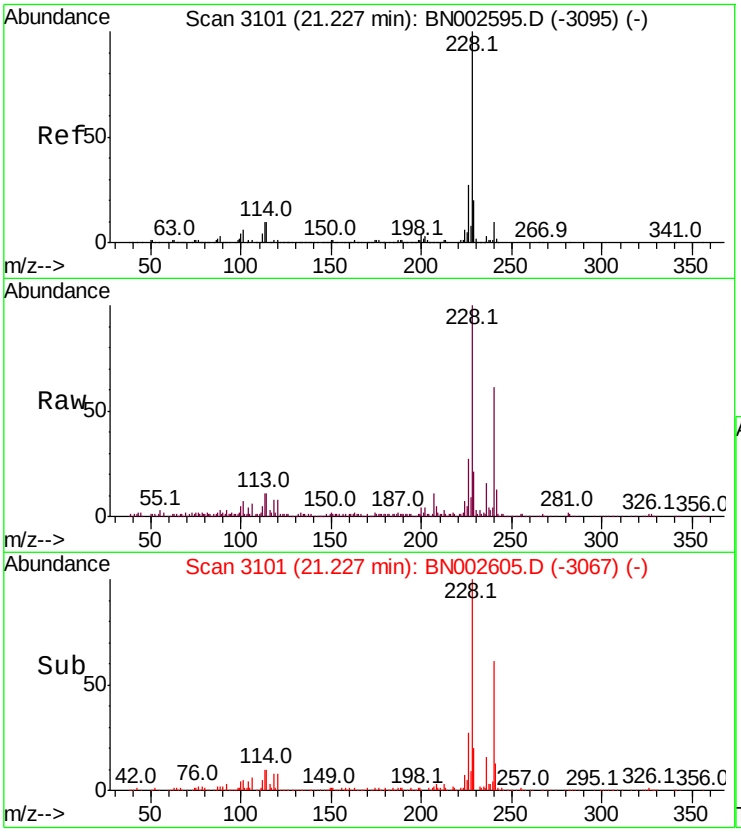


#79
Pyrene
Concen: 17.386 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Tgt Ion:202 Resp: 897844

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.2
100	10.7	8.5	12.7

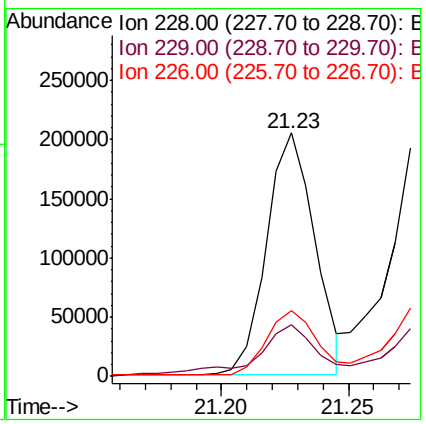




#82
Benzo(a)anthracene
Concen: 5.159 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

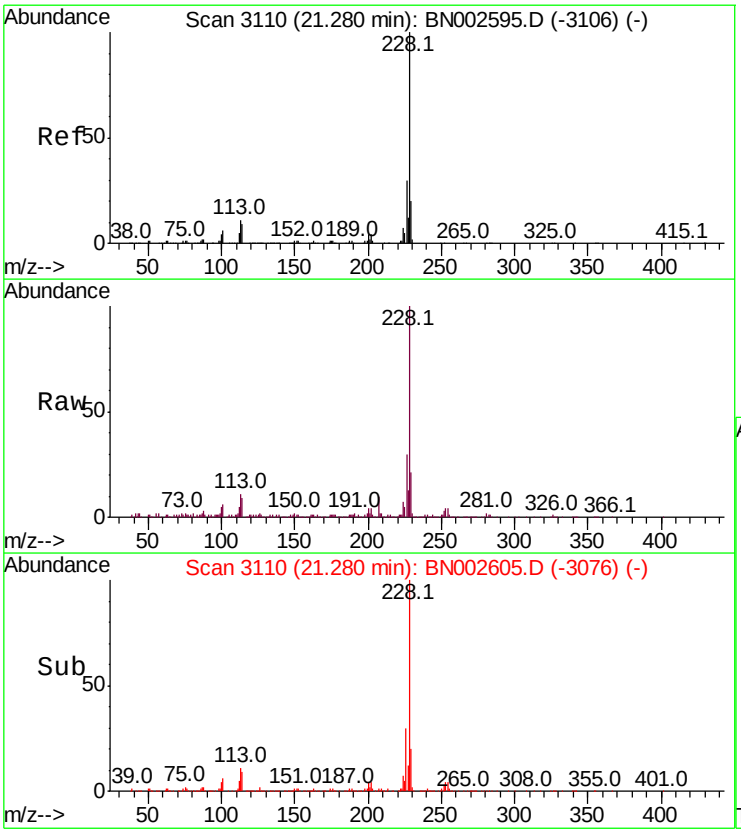
Tgt Ion:228 Resp: 270667

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	27.2	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
A3YY8

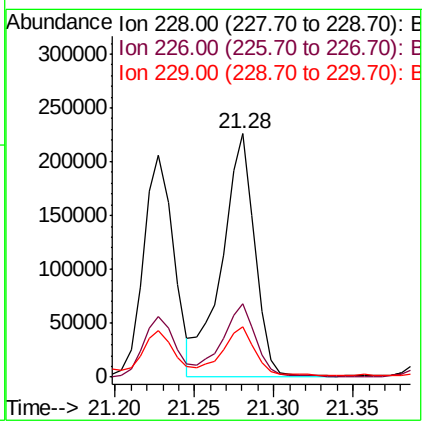
Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM

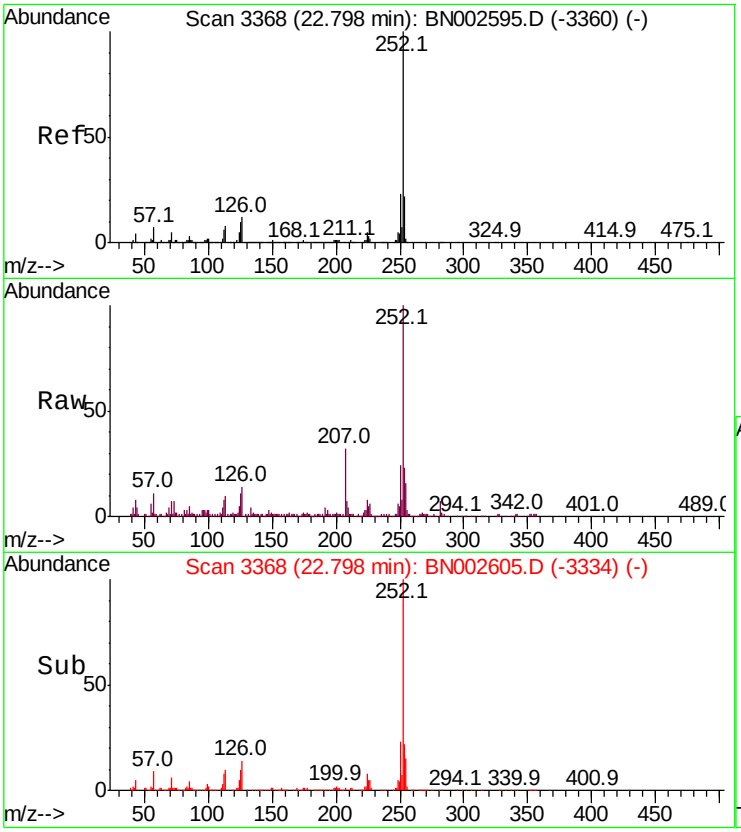


#84
Chrysene
Concen: 6.486 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Tgt Ion:228 Resp: 322065

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.6	15.6	23.4

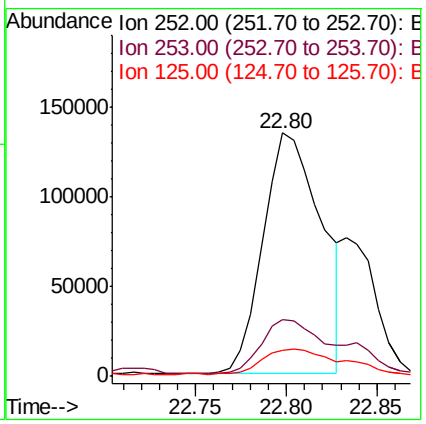




#87
Benzo(b)fluoranthene
Concen: 6.927 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

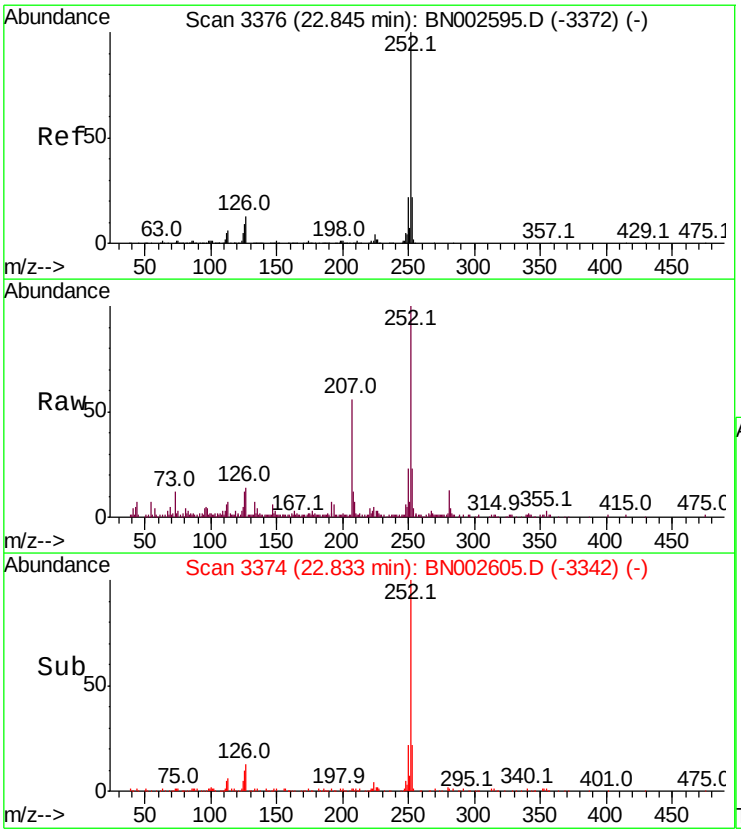
Tgt Ion:252 Resp: 302400

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.9	8.5	12.7



Instrument :
BNA_N
ClientSampleId :
A3YY8

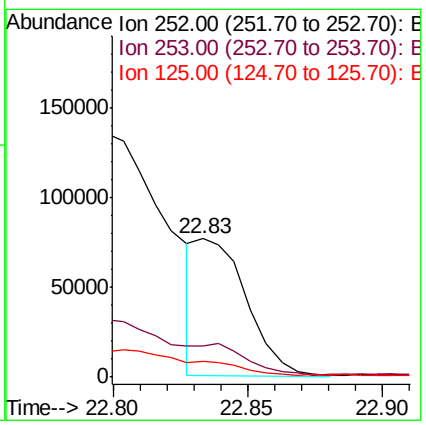
Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM

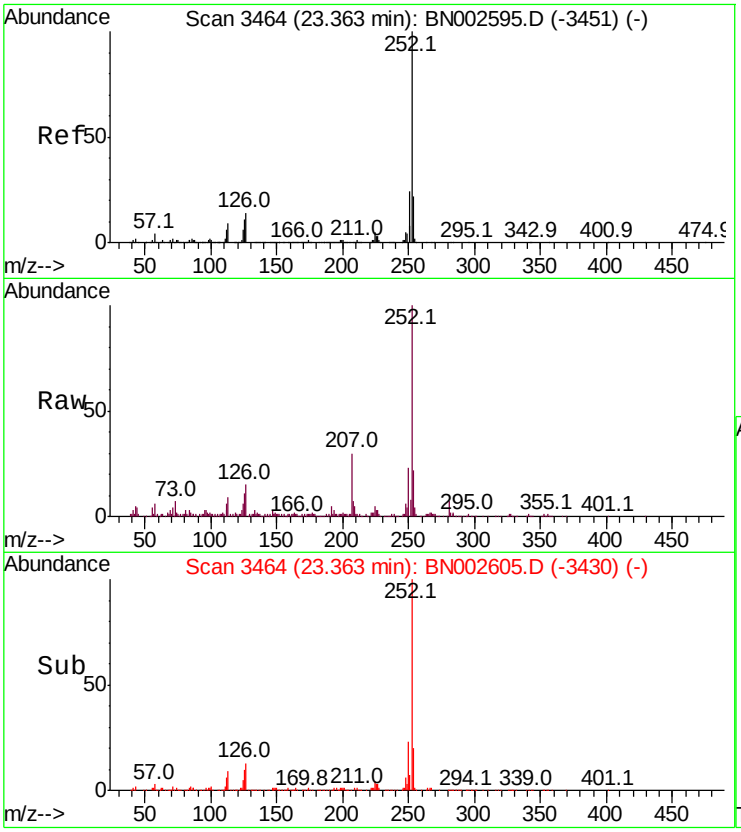


#88
Benzo(k)fluoranthene
Concen: 2.394 ng/ul m
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Tgt Ion:252 Resp: 98469

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.8	8.2	12.2

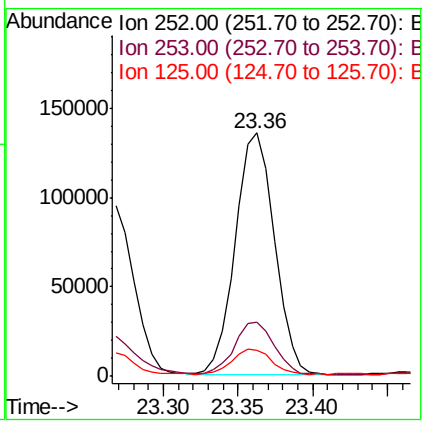




#90
Benzo(a)pyrene
Concen: 5.913 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

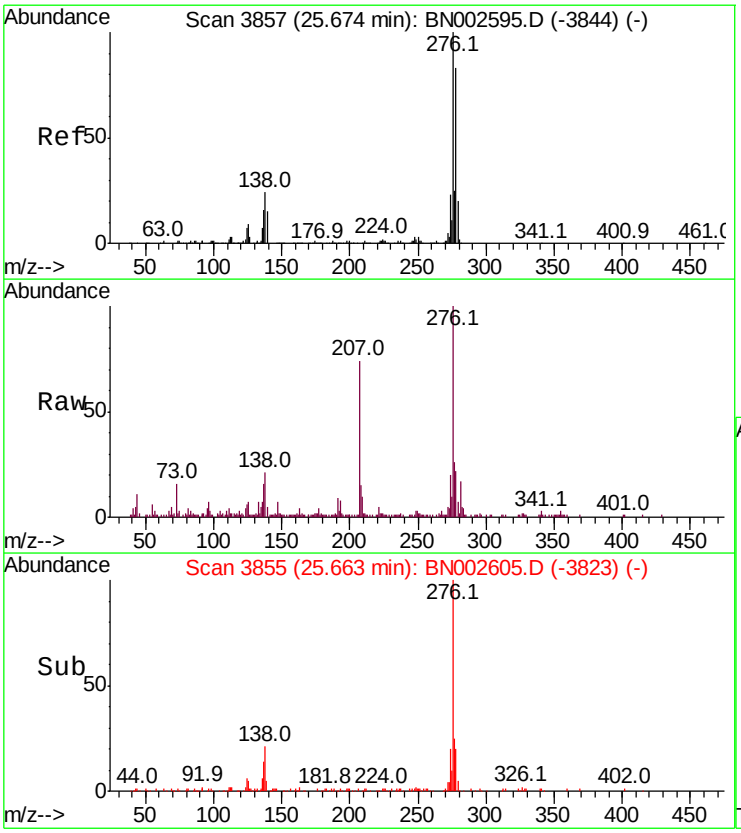
Tgt Ion:252 Resp: 245911

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.8	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
A3YY8

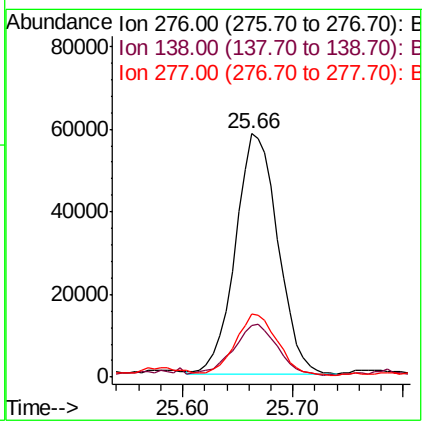
Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM

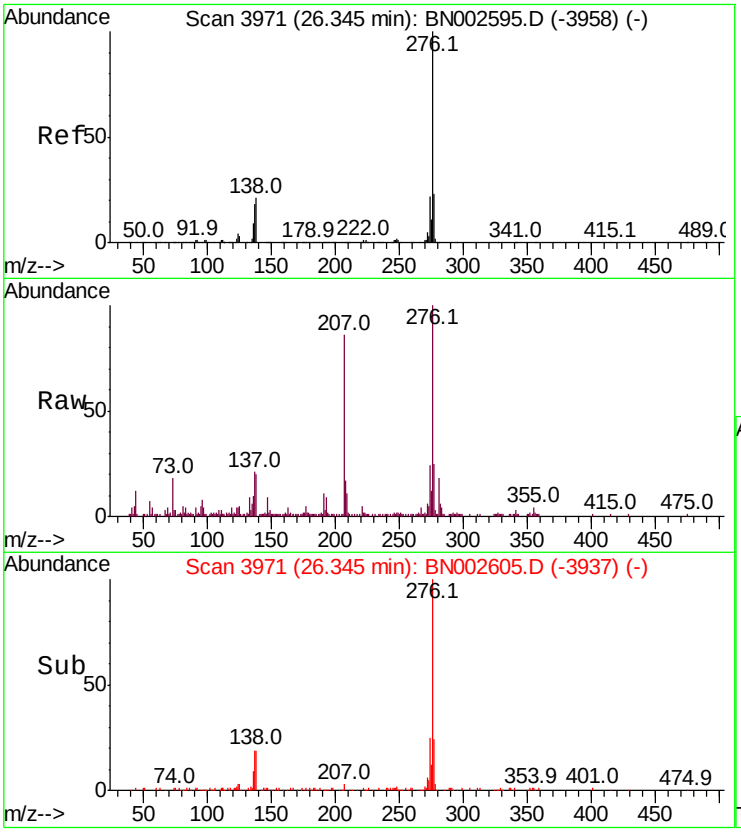


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.177 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Tgt Ion:276 Resp: 157166

Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.3	33.5#
277	26.1	20.2	30.2

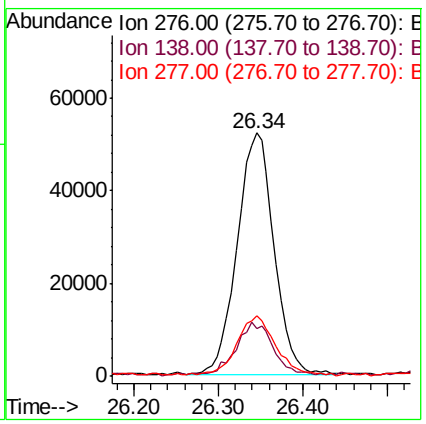




#93
Benzo(g,h,i)perylene
Concen: 3.801 ng/ul
RT: 26.34 min Scan# 3971
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Tgt Ion:276 Resp: 156903

Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.9	28.3
277	24.8	19.2	28.8



Instrument :
BNA_N
ClientSampleId :
A3YY8

Manual Integrations APPROVED
Sohil
9/6/2018 4:30:01 PM