Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000328.D
Acq On : 13 Mar 2018 01:16
Operator : JU/SJ
Sample : J1843-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM83

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

Quant Time: Mar 13 12:45:05 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	419872	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1931824	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	1032895	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	2103992	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1871974	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1627959	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	3343279	32.61	ng/ul	0.00
10) Fluorene-d10	16.05	176	2140415	30.83	ng/ul	0.00
14) Anthracene-d10	17.88	188	3128398	31.82	ng/ul	0.00
18) Pyrene-d10	20.13	212	3259218	35.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2396179	32.23	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.34	128	164083	1.610	ng/ul	100
4) 2-Methylnaphthalene	12.92	142	110669	1.542	ng/ul	98
13) Phenanthrene	17.83	178	387469	3.211	ng/ul	99
16) Fluoranthene	19.80	202	995314	7.634	ng/ul#	94
19) Pyrene	20.16	202	899225	7.608	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	723660	6.218	ng/ul	96
21) Chrysene	21.94	228	769143	6.964	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	1356417m	13.973	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	369745m	4.069	ng/ul	
26) Benzo(a)pyrene	24.27	252	660224	7.146	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.94	276	368215	3.696	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.94	278	104937	1.285	ng/ul#	76
29) Benzo(g,h,i)perylene	27.73	276	309574	3.722	ng/ul#	88

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

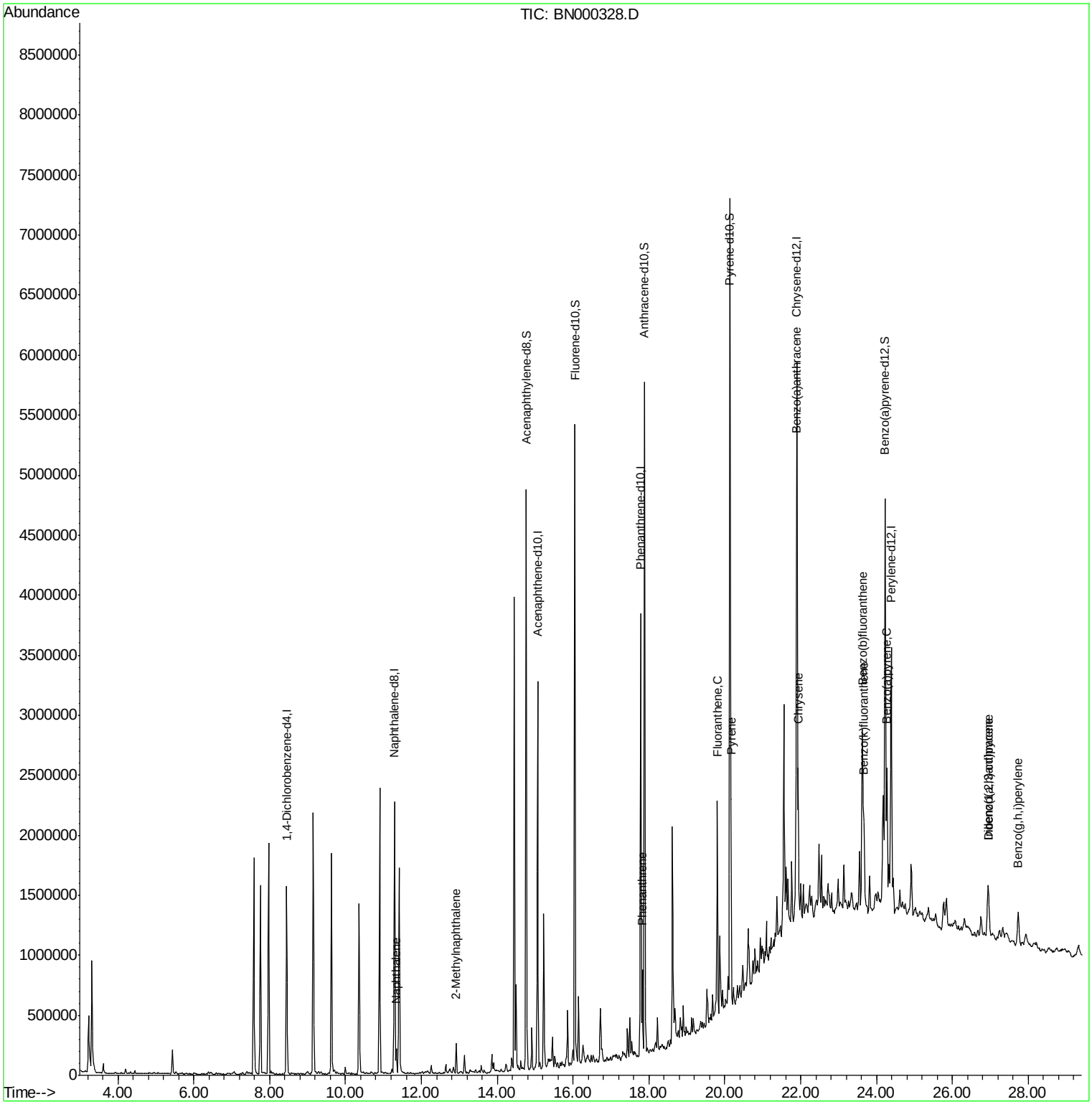
Quantitation Report (QT Reviewed)

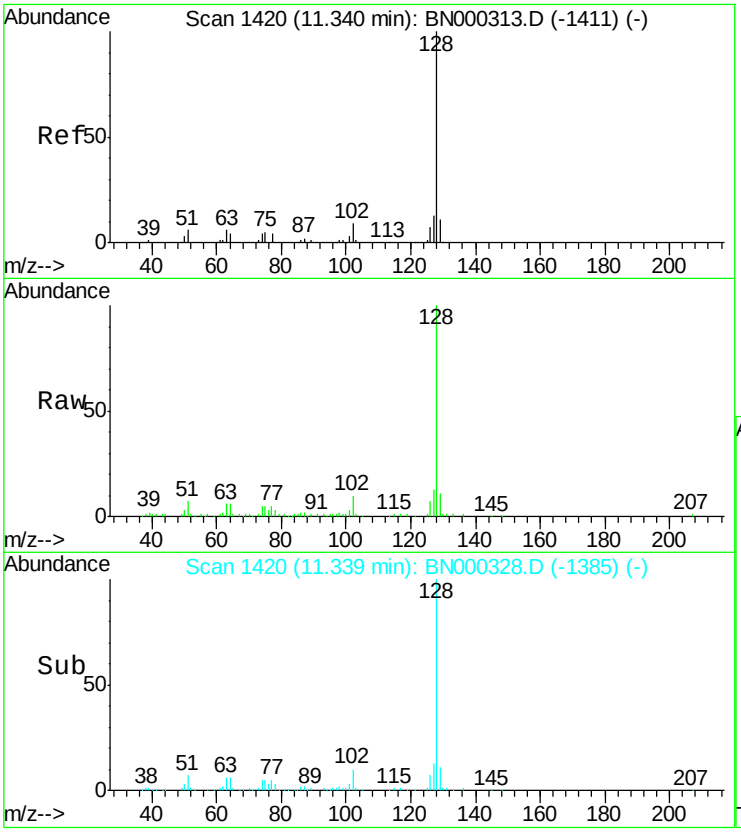
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000328.D
Acq On : 13 Mar 2018 01:16
Operator : JU/SJ
Sample : J1843-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 12:45:05 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAM83

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

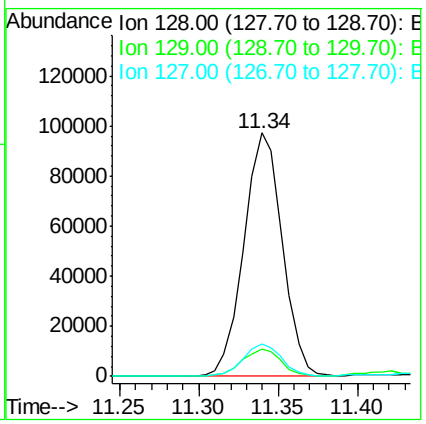




#3
Naphthalene
Concen: 1.610 ng/ul
RT: 11.34 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

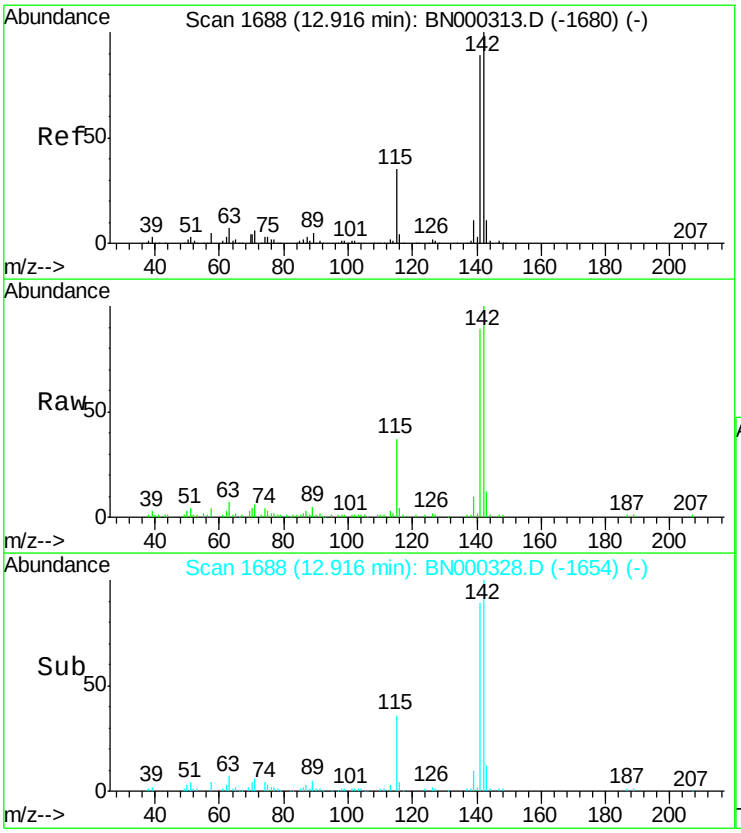
Tgt Ion:128 Resp: 164083

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.6	16.0



Instrument :
BNA_N
ClientSampleId :
DAM83

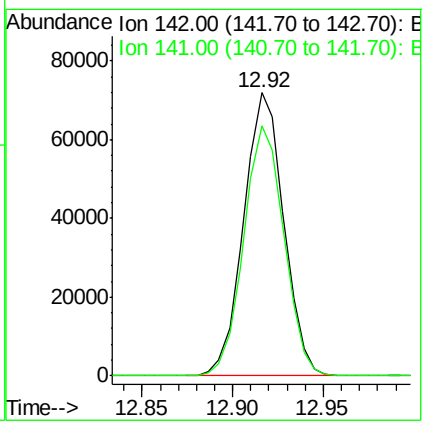
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

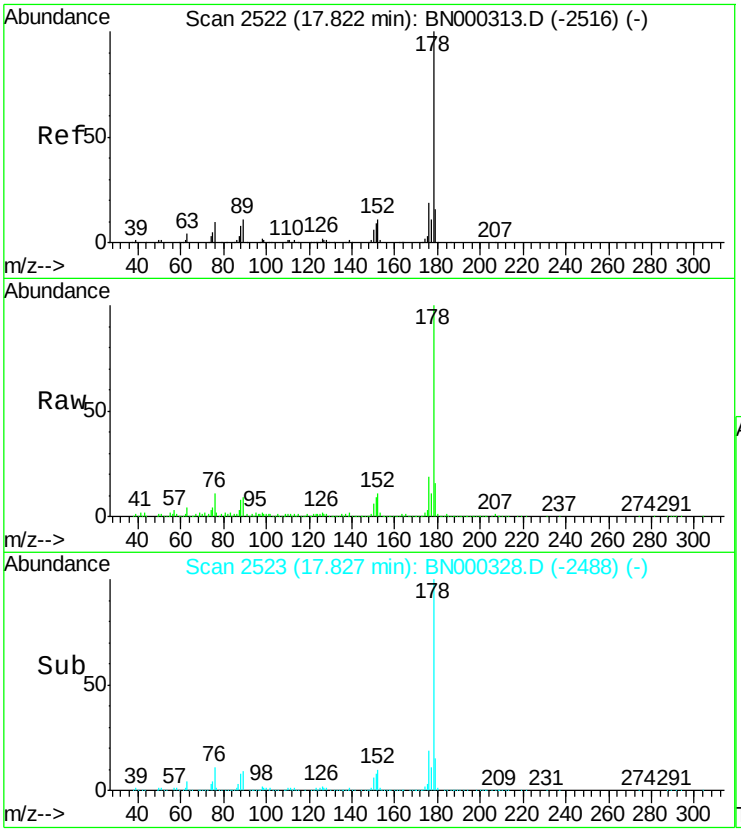


#4
2-Methylnaphthalene
Concen: 1.542 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

Tgt Ion:142 Resp: 110669

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.7	109.1

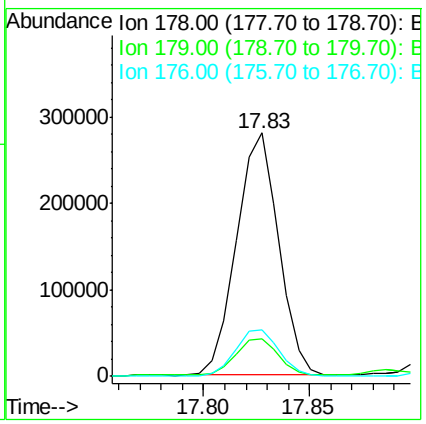




#13
Phenanthrene
Concen: 3.211 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

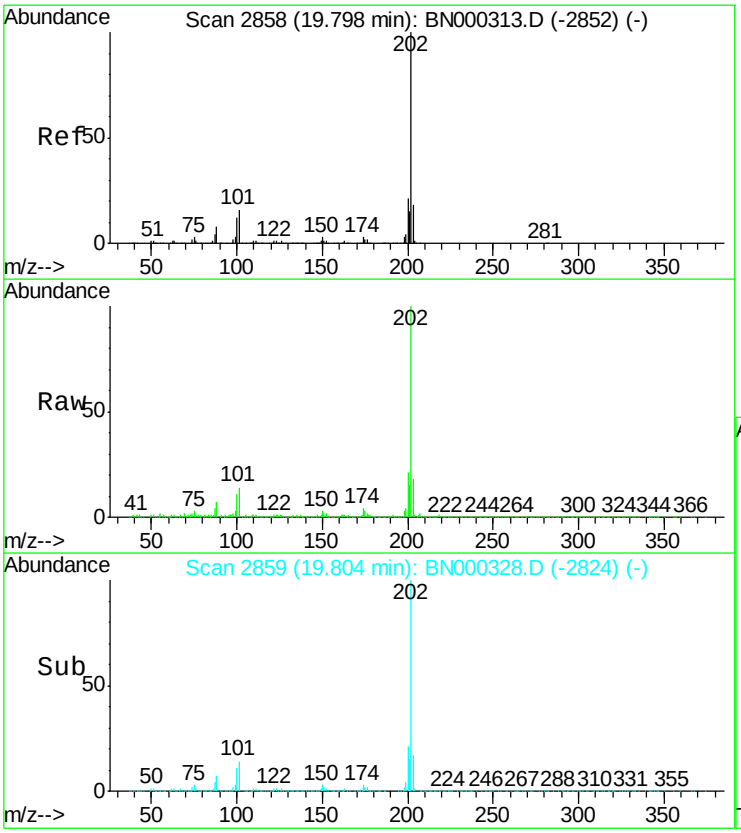
Tgt Ion:178 Resp: 387469

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAM83

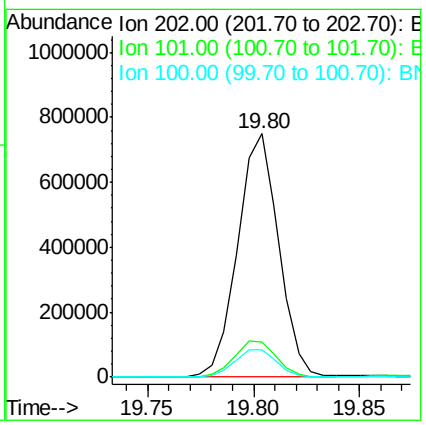
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

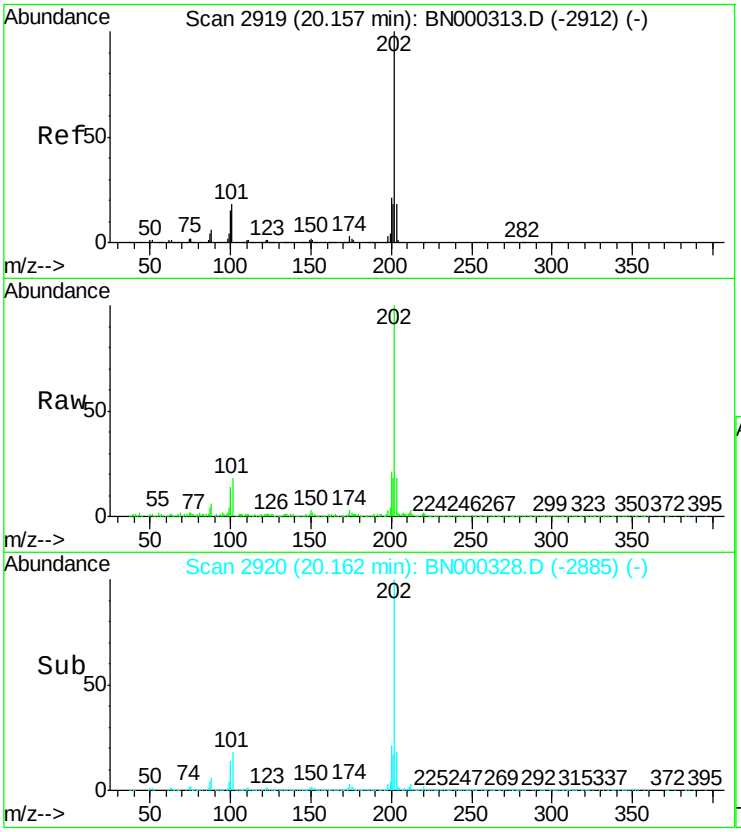


#16
Fluoranthene
Concen: 7.634 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

Tgt Ion:202 Resp: 995314

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	11.3	7.4	11.0#





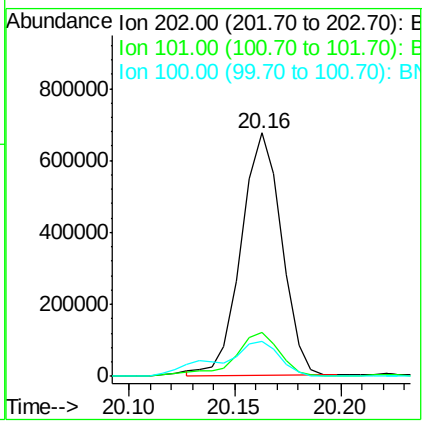
#19
Pyrene
Concen: 7.608 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

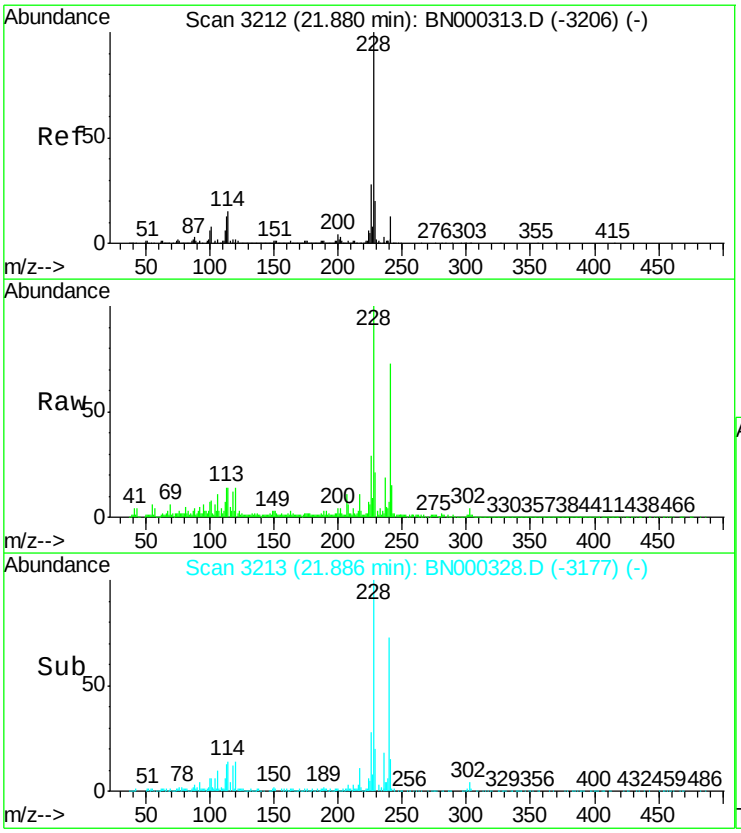
Tgt Ion:202 Resp: 899225

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.3	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAM83

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

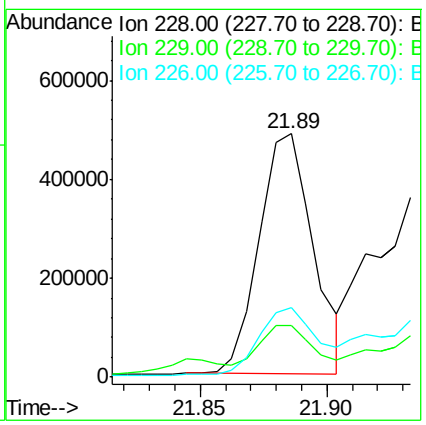


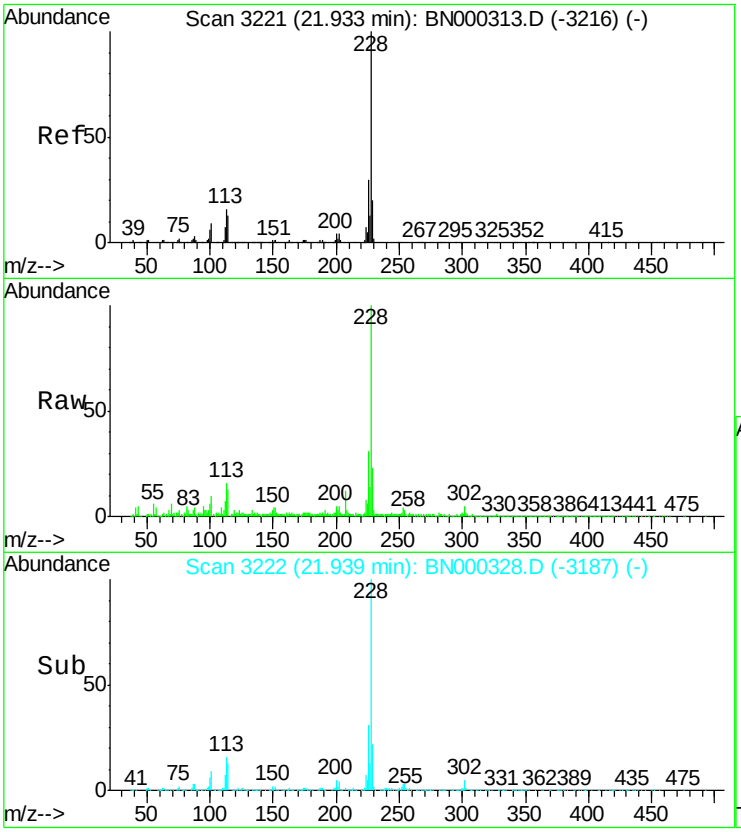


#20
Benzo(a)anthracene
Concen: 6.218 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

Tgt Ion:228 Resp: 723660

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.7	21.1	31.7

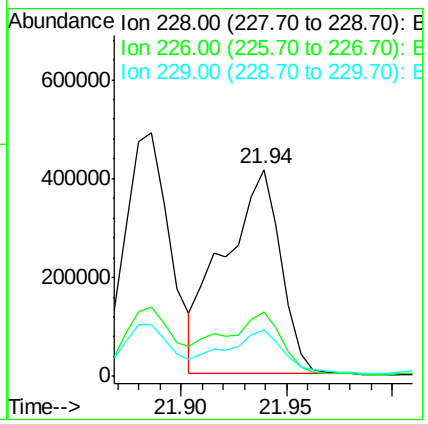




#21
Chrysene
Concen: 6.964 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

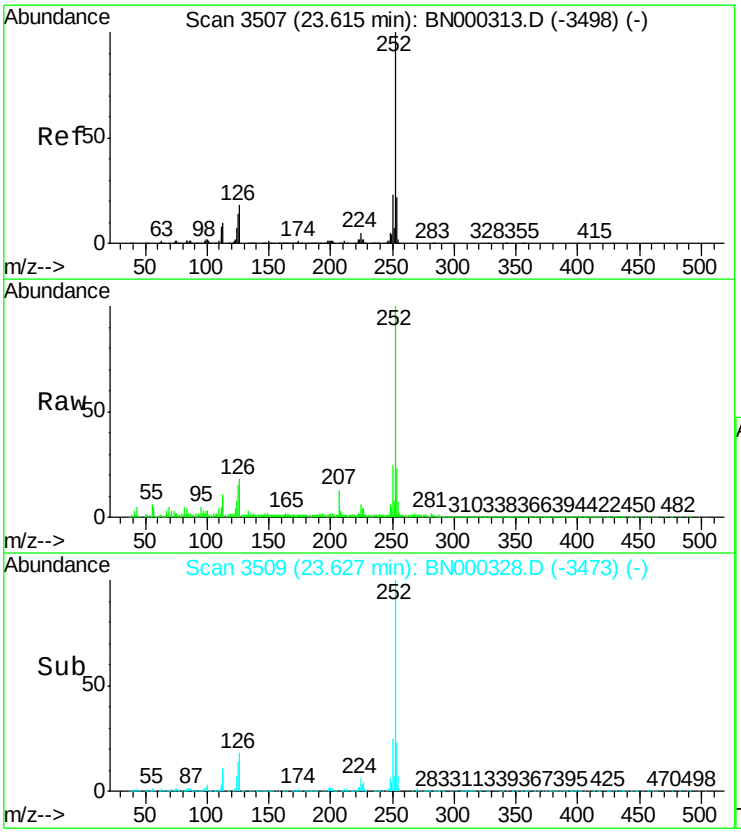
Tgt Ion:228 Resp: 769143

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	22.6	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAM83

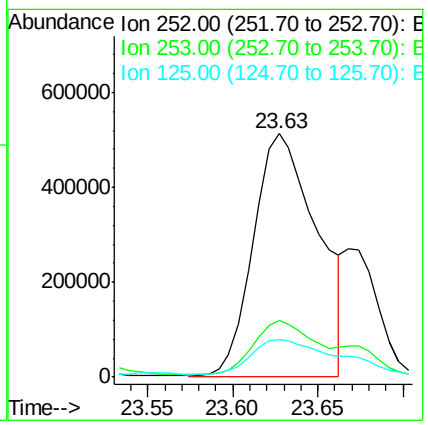
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

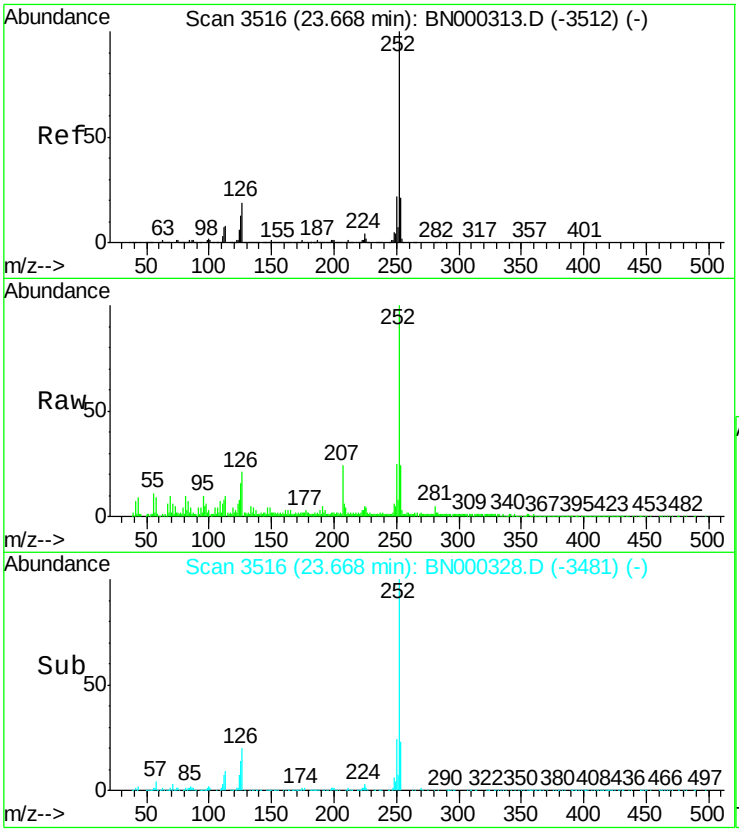


#23
Benzo(b)fluoranthene
Concen: 13.973 ng/ul m
RT: 23.63 min Scan# 3509
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

Tgt Ion:252 Resp: 1356417

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	15.4	8.0	12.0#

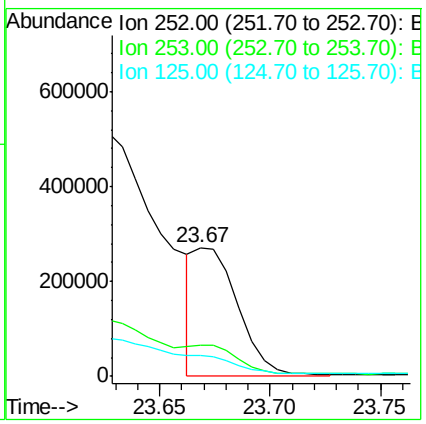




#24
Benzo(k)fluoranthene
Concen: 4.069 ng/ul m
RT: 23.67 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

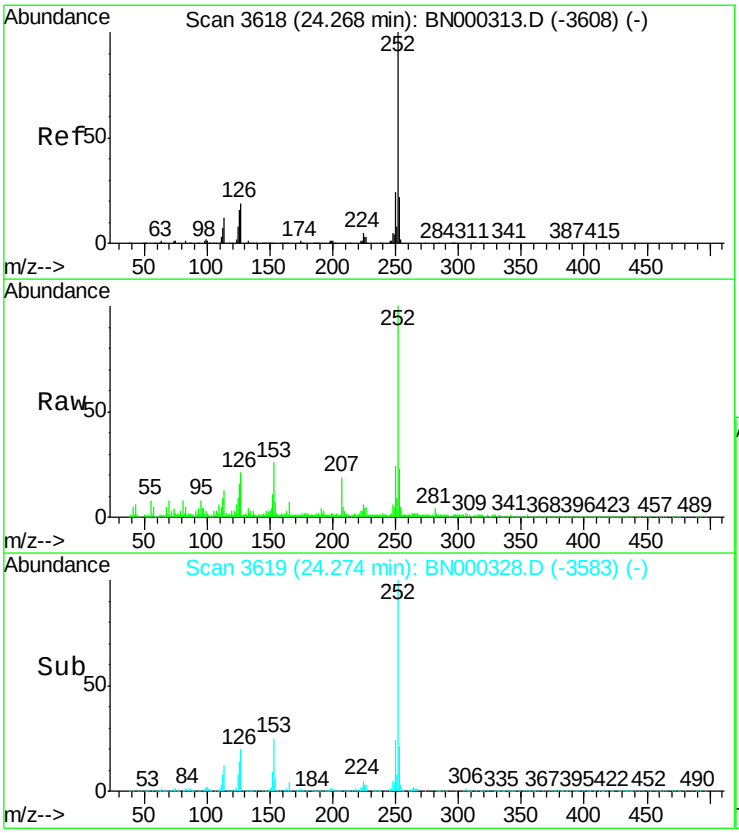
Tgt Ion:252 Resp: 369745

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	16.4	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAM83

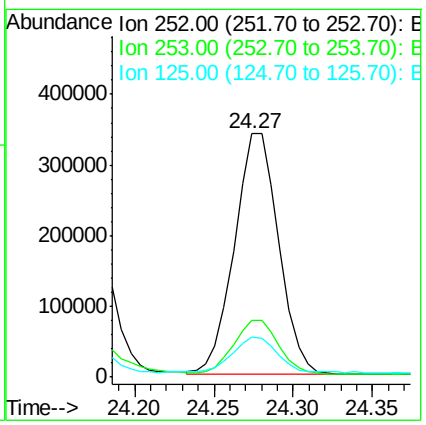
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

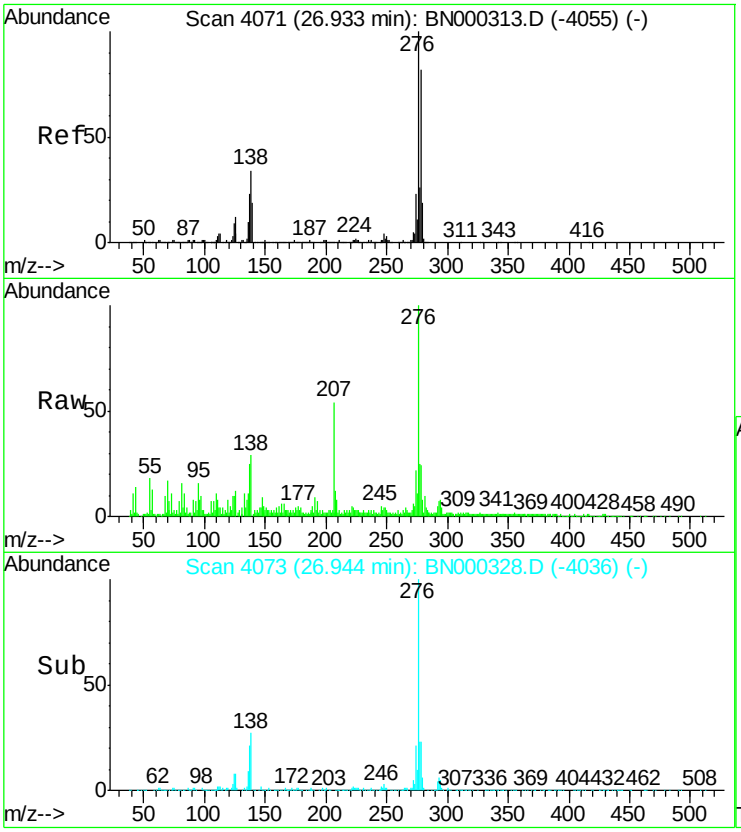


#26
Benzo(a)pyrene
Concen: 7.146 ng/ul
RT: 24.27 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

Tgt Ion:252 Resp: 660224

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	16.3	8.2	12.4#

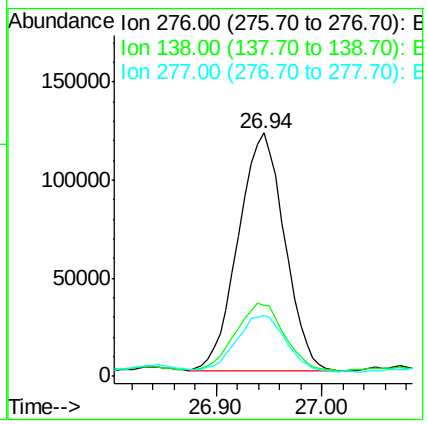




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.696 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. 0.02 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

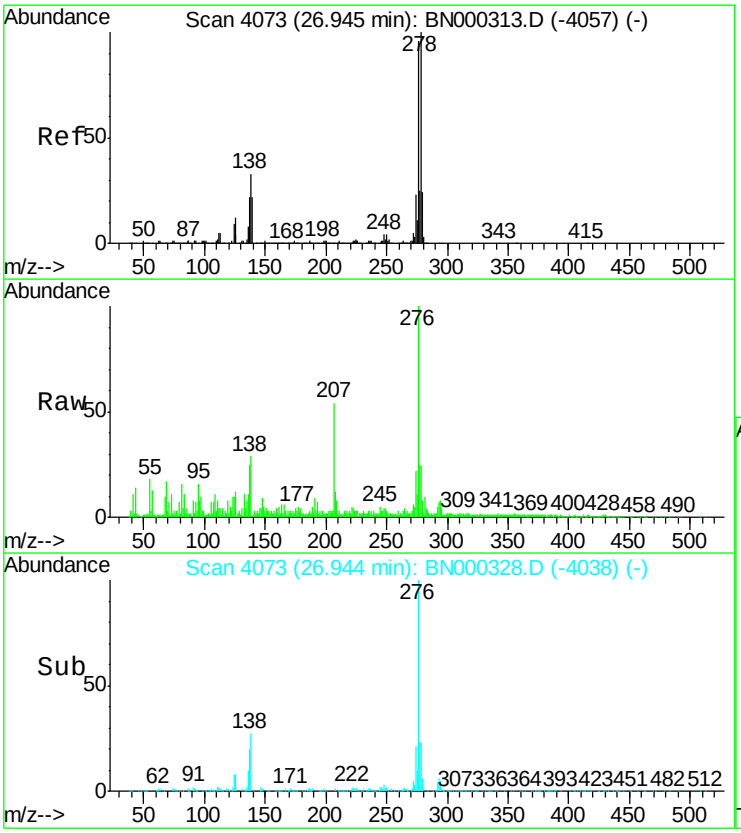
Tgt Ion:276 Resp: 368215

Ion	Ratio	Lower	Upper
276	100		
138	29.3	14.4	21.6#
277	25.0	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAM83

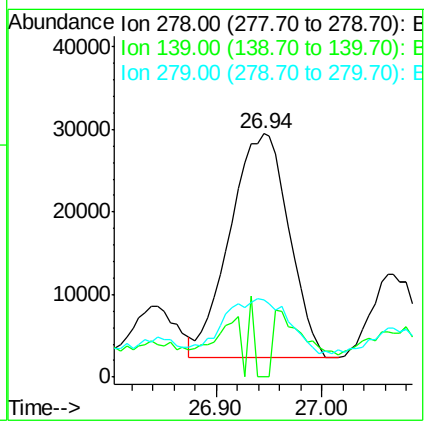
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM

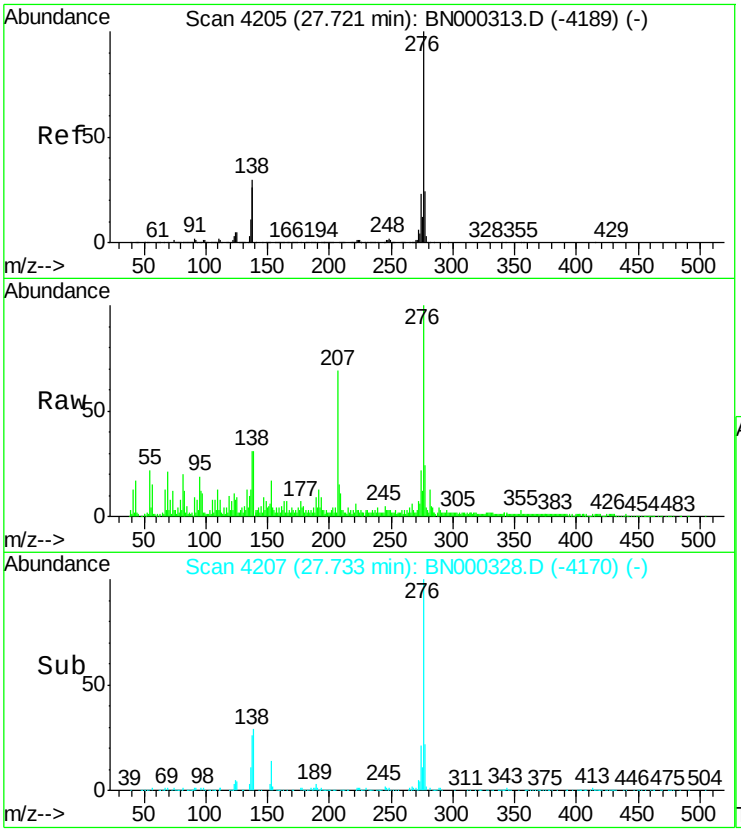


#28
Dibenzo(a,h)anthracene
Concen: 1.285 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. 0.01 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

Tgt Ion:278 Resp: 104937

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	31.8	19.2	28.8#

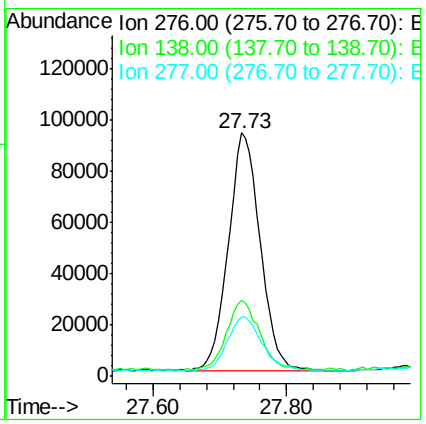




#29
Benzo(g,h,i)perylene
Concen: 3.722 ng/ul
RT: 27.73 min Scan# 4207
Delta R.T. 0.02 min
Lab File: BN000328.D
Acq: 13 Mar 2018 01:16

Tgt Ion:276 Resp: 309574

Ion	Ratio	Lower	Upper
276	100		
138	31.1	15.3	22.9#
277	24.2	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAM83

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:15 PM