Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030918\
Data File : BN000297.D
Acq On : 10 Mar 2018 00:02
Operator : JU/SJ
Sample : J1844-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM80

Manual Integrations APPROVED
Sohil
3/12/2018 3:53:13 PM

Quant Time: Mar 10 06:32:42 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	313849	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1442002	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	793251	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1657182	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1600411	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1413187	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1968742	25.01	ng/ul	0.00
10) Fluorene-d10	16.04	176	1293154	24.26	ng/ul	0.00
14) Anthracene-d10	17.87	188	1933409	24.97	ng/ul	0.00
18) Pyrene-d10	20.13	212	2093270	26.74	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	1668057	25.85	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.82	178	99978	1.052	ng/ul	97
16) Fluoranthene	19.80	202	217259	2.116	ng/ul	96
19) Pyrene	20.16	202	188713m	1.868	ng/ul	
20) Benzo(a)anthracene	21.87	228	107952m	1.085	ng/ul	
21) Chrysene	21.93	228	120226	1.273	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	158341m	1.879	ng/ul	
26) Benzo(a)pyrene	24.26	252	98244	1.225	ng/ul#	79
29) Benzo(g,h,i)perylene	27.72	276	100349	1.390	ng/ul#	82

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

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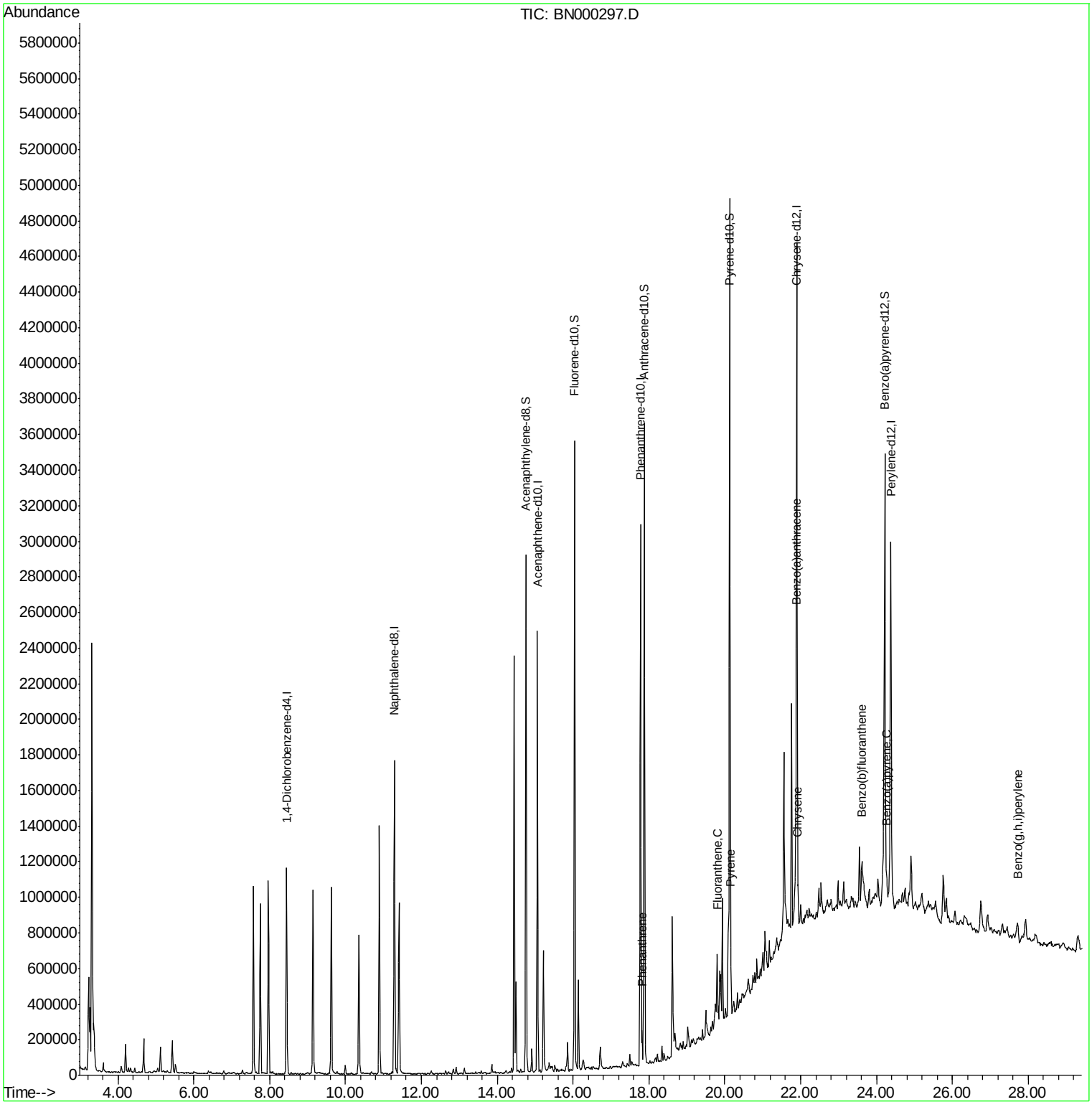
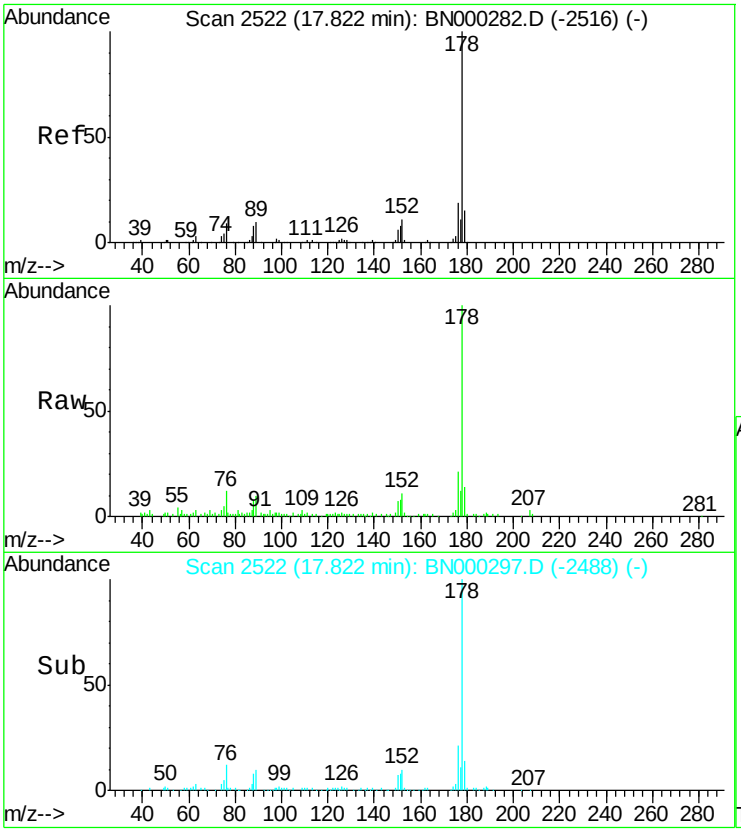
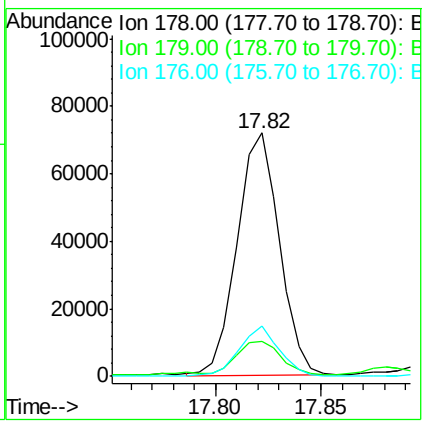




#13
Phenanthrene
Concen: 1.052 ng/ul
RT: 17.82 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

Tgt Ion:178 Resp: 99978

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	20.6	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAM80

Manual Integrations APPROVED
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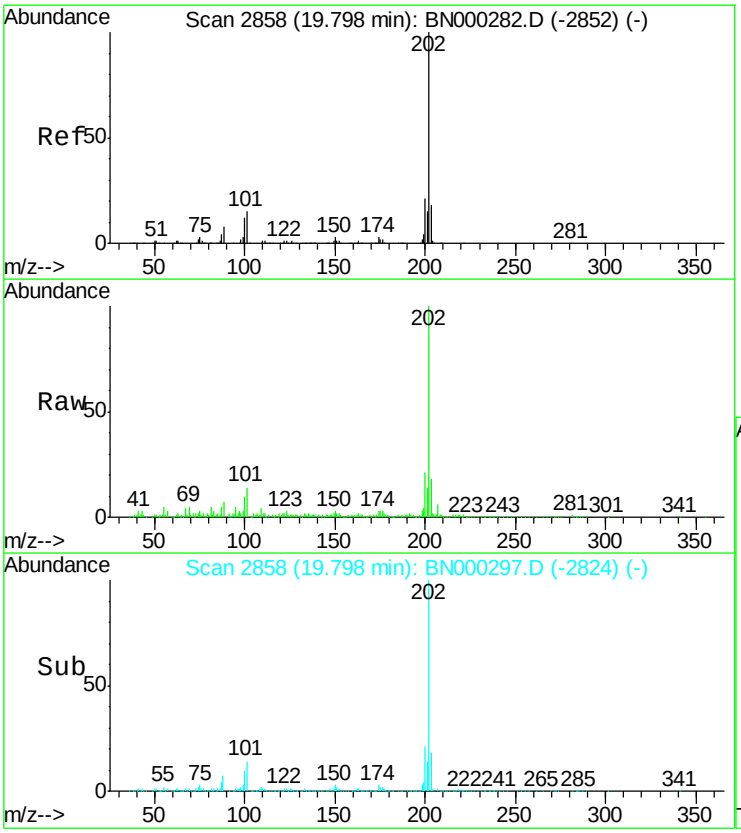
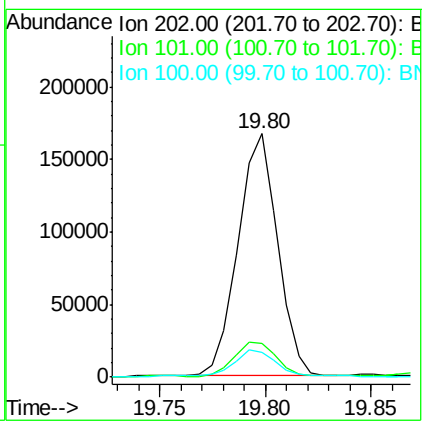
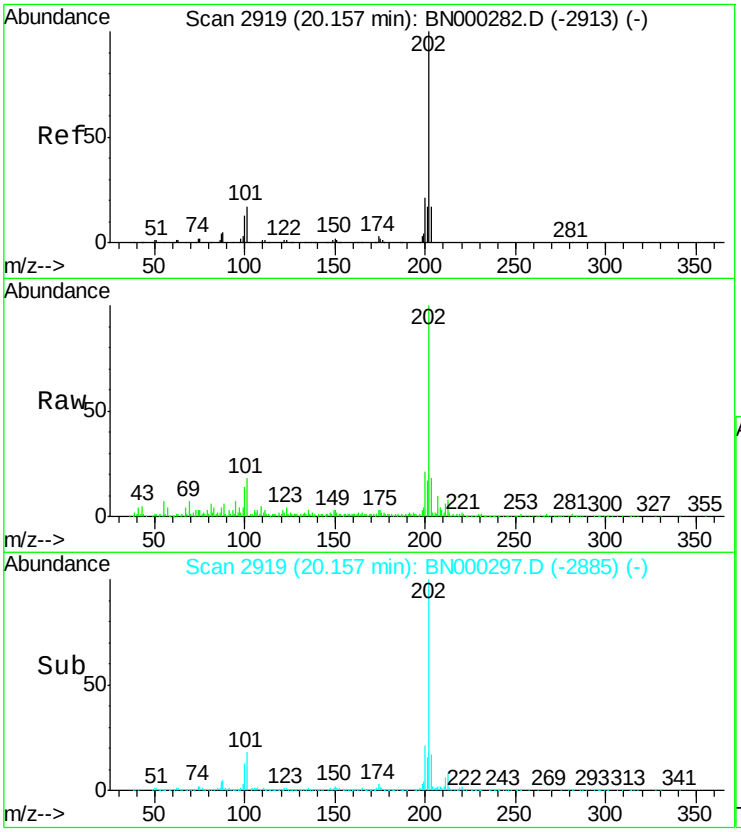


#16
Fluoranthene
Concen: 2.116 ng/ul
RT: 19.80 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

Tgt Ion:202 Resp: 217259

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.9	14.9
100	10.2	7.4	11.0

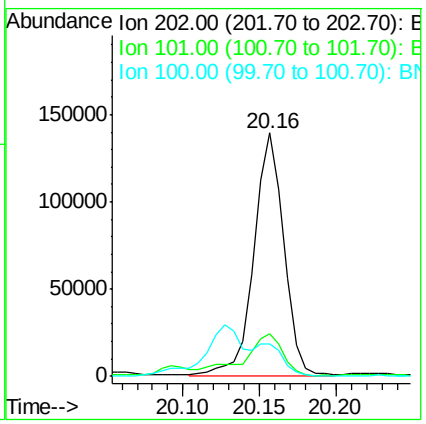




#19
Pyrene
Concen: 1.868 ng/ul m
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

Tgt Ion:202 Resp: 188713

Ion	Ratio	Lower	Upper
202	100		
101	17.7	11.0	16.4#
100	13.6	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAM80

Manual Integrations APPROVED
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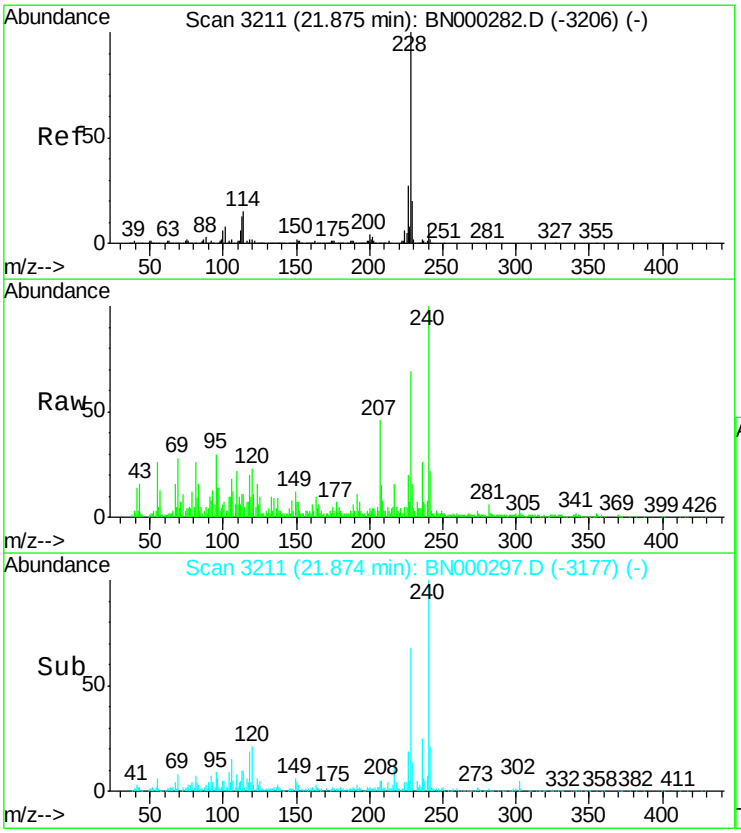
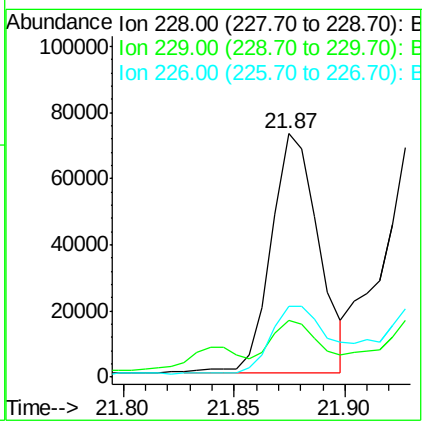
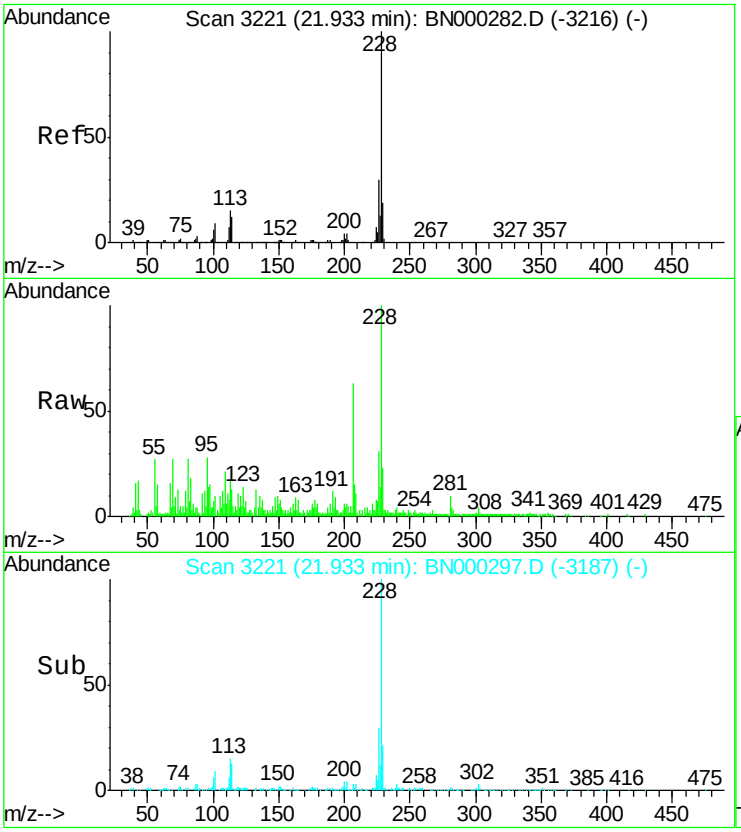


#20
Benzo(a)anthracene
Concen: 1.085 ng/ul m
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

Tgt Ion:228 Resp: 107952

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.7	23.5#
226	28.9	21.1	31.7

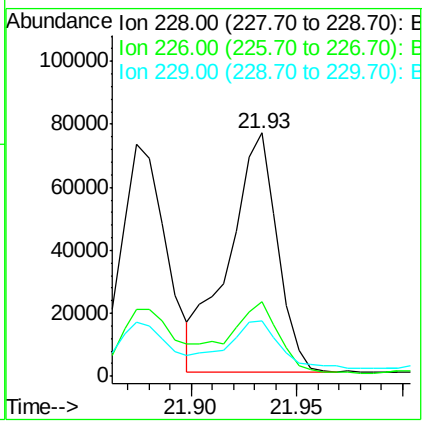




#21
Chrysene
Concen: 1.273 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

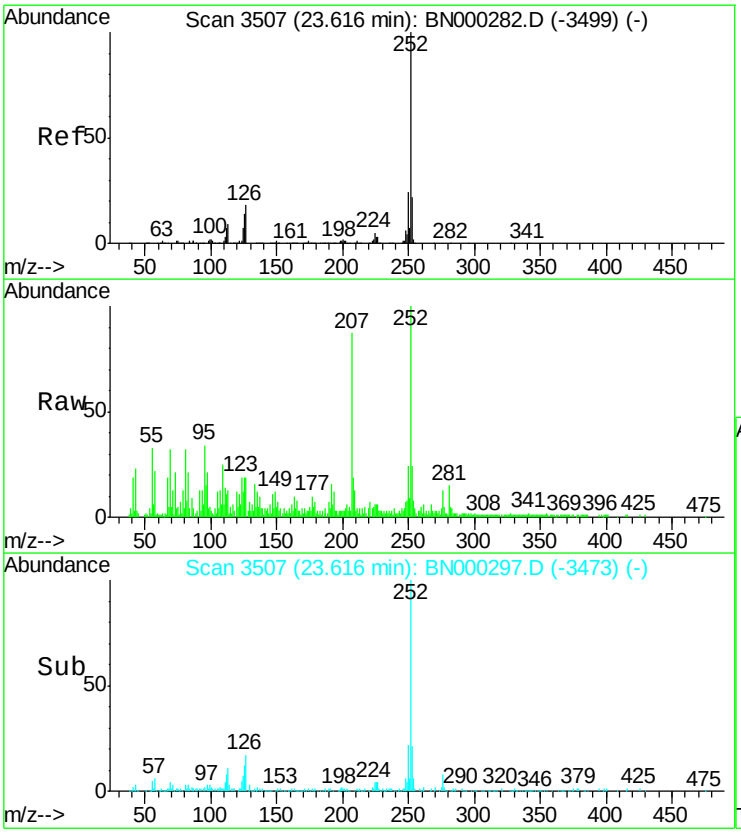
Tgt Ion:228 Resp: 120226

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	22.8	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAM80

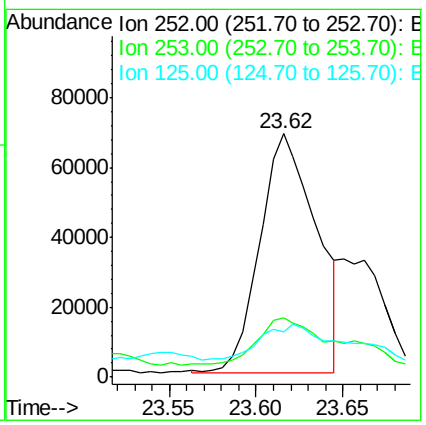
Manual Integrations APPROVED
Sohil
3/12/2018 3:53:13 PM

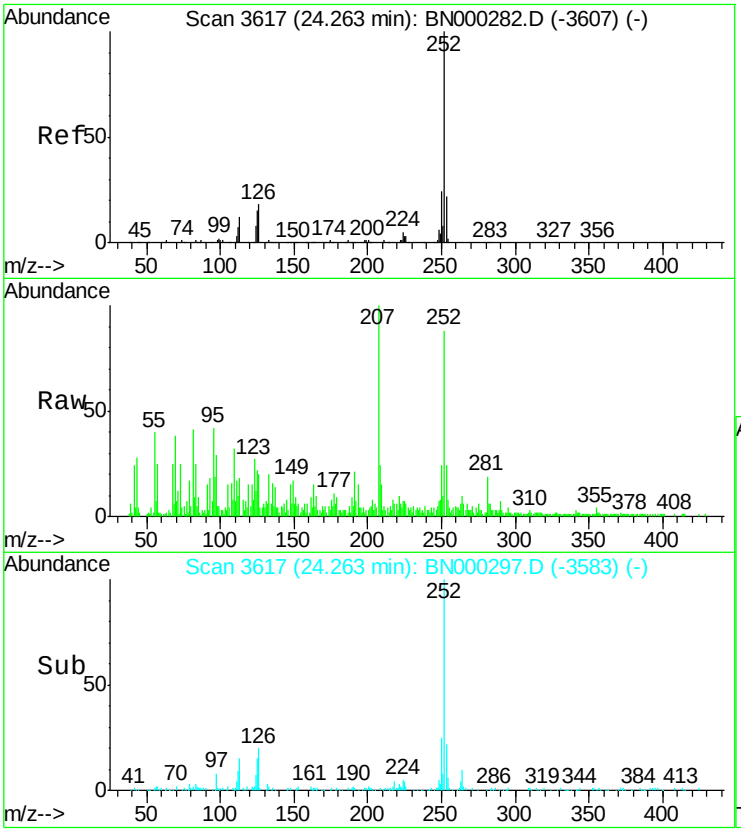


#23
Benzo(b)fluoranthene
Concen: 1.879 ng/ul m
RT: 23.62 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

Tgt Ion:252 Resp: 158341

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	18.8	8.0	12.0#





#26
Benzo(a)pyrene
Concen: 1.225 ng/ul
RT: 24.26 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

Tgt Ion:252 Resp: 98244

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.2	25.8#
125	25.4	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
DAM80

Manual Integrations APPROVED
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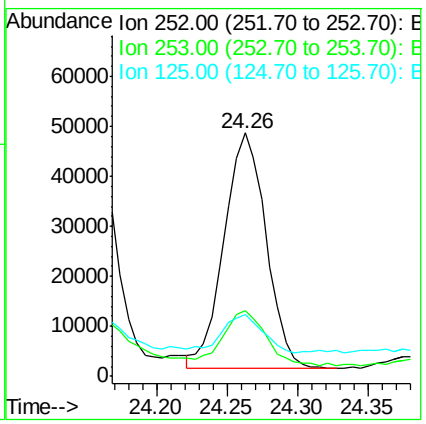

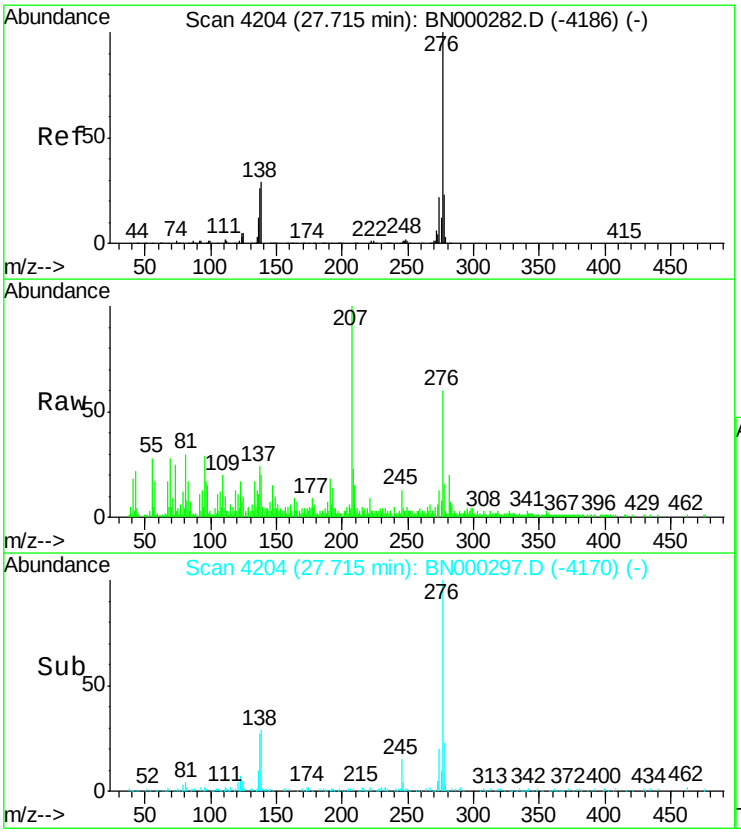

#29
Benzo(g,h,i)perylene
Concen: 1.390 ng/ul
RT: 27.72 min Scan# 4204
Delta R.T. -0.00 min
Lab File: BN000297.D
Acq: 10 Mar 2018 00:02

Tgt Ion:276 Resp: 100349

Ion	Ratio	Lower	Upper
276	100		
138	33.9	15.3	22.9#
277	26.7	19.0	28.4