Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000332.D
Acq On : 13 Mar 2018 03:34
Operator : JU/SJ
Sample : J1843-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM84

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:21 PM

Quant Time: Mar 13 13:49:11 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	438542	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1965787	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	1034475	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	2116279	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1816431	20.00	ng/ul	0.01
22) Perylene-d12	24.39	264	1558443	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2223964	21.66	ng/ul	0.00
10) Fluorene-d10	16.04	176	1443108	20.76	ng/ul	0.00
14) Anthracene-d10	17.88	188	2125176	21.49	ng/ul	0.00
18) Pyrene-d10	20.13	212	2234887	25.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1552689	21.82	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.83	178	254524	2.097	ng/ul	99
16) Fluoranthene	19.80	202	606512	4.625	ng/ul#	95
19) Pyrene	20.16	202	532079	4.640	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	360449	3.192	ng/ul	95
21) Chrysene	21.94	228	352404	3.289	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	579226m	6.233	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	185853m	2.137	ng/ul	
26) Benzo(a)pyrene	24.28	252	303942	3.436	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.95	276	188442	1.976	ng/ul#	84
29) Benzo(g,h,i)perylene	27.75	276	168125	2.111	ng/ul#	81

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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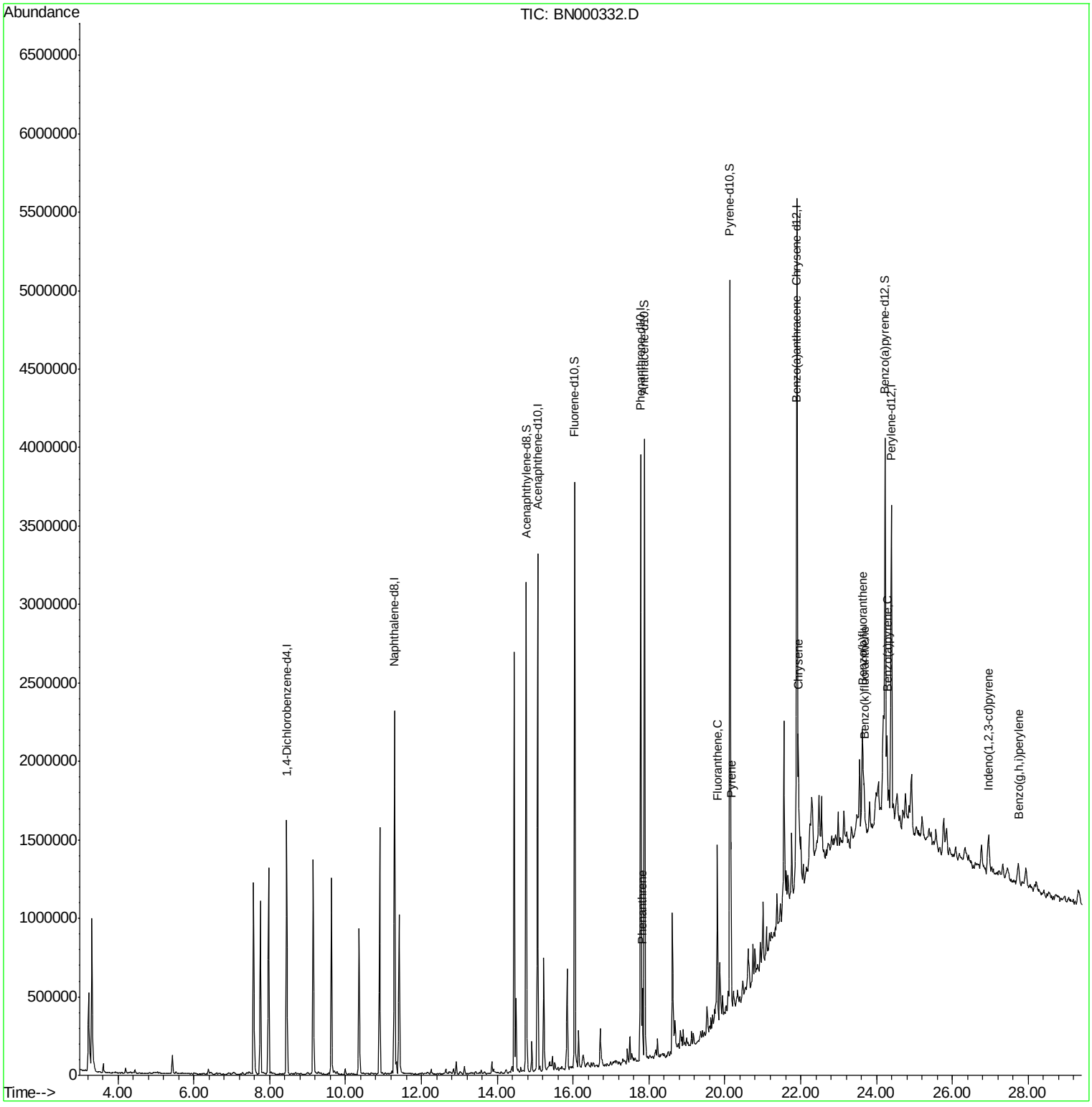
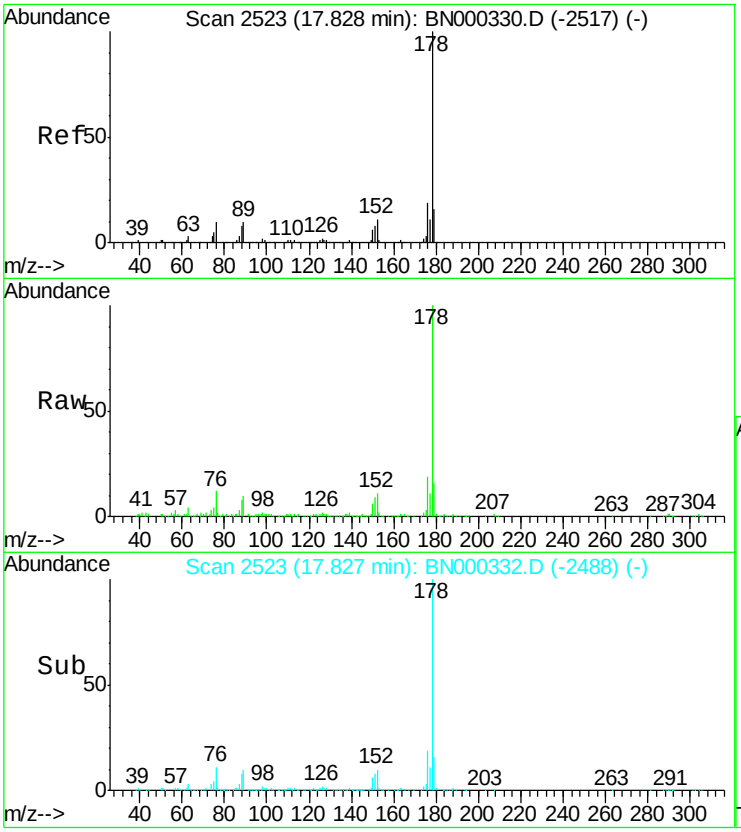
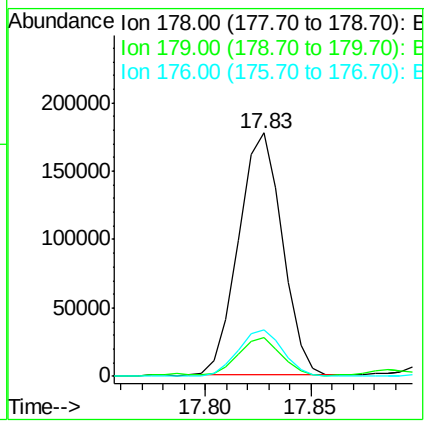




#13
Phenanthrene
Concen: 2.097 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:178 Resp: 254524

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.2	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
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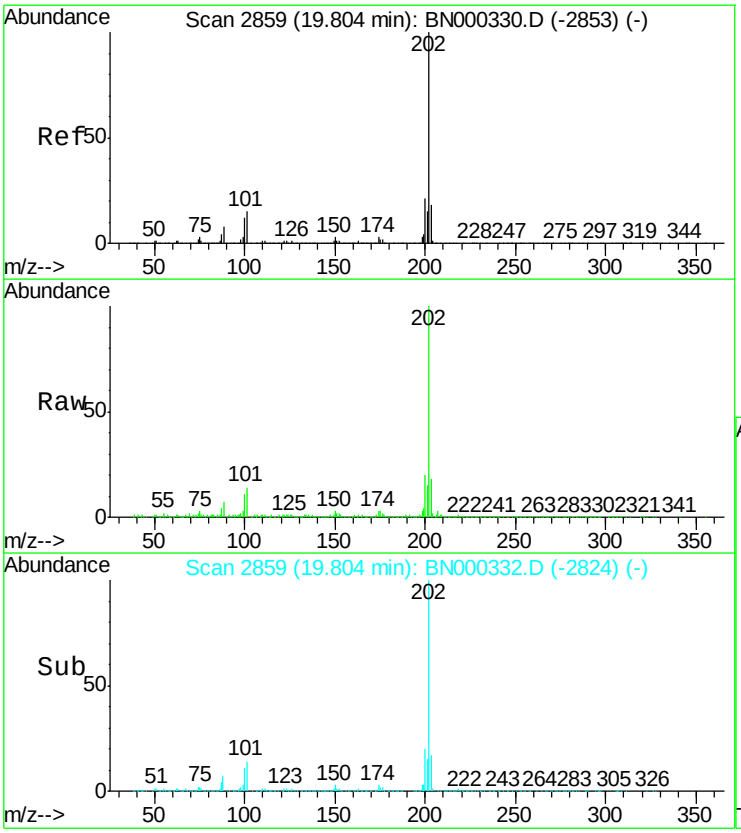
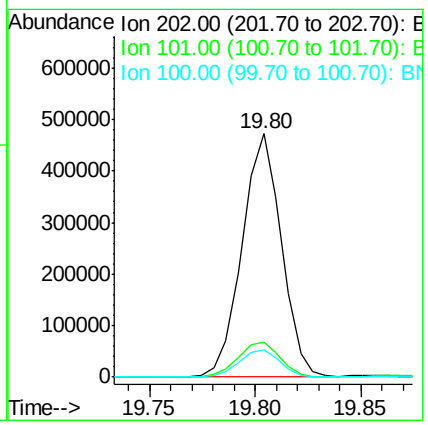
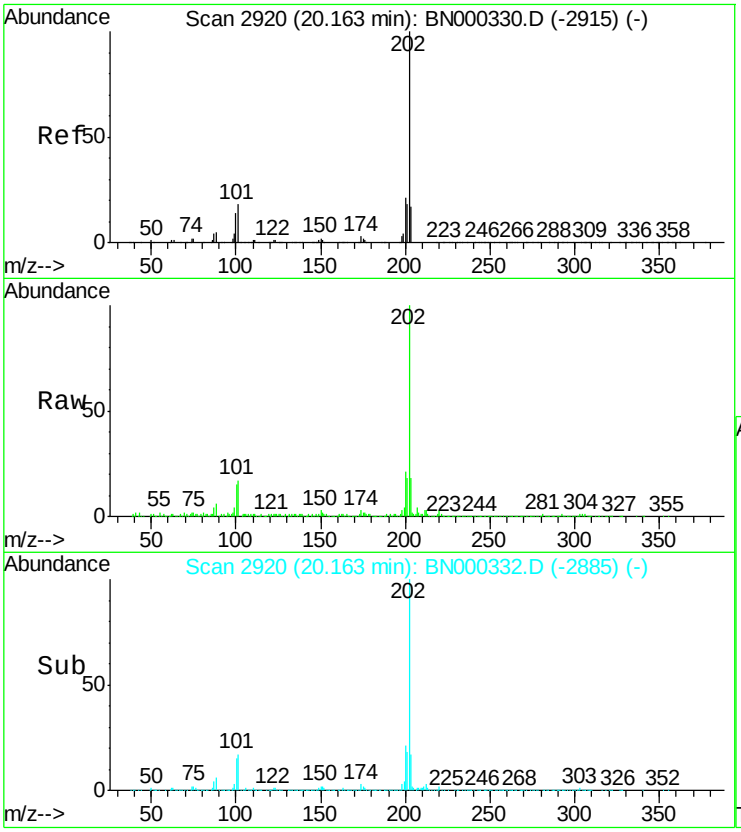


#16
Fluoranthene
Concen: 4.625 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:202 Resp: 606512

Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.9	14.9
100	11.3	7.4	11.0#





#19
Pyrene
Concen: 4.640 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. 0.01 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:202 Resp: 532079

Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	14.9	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAM84

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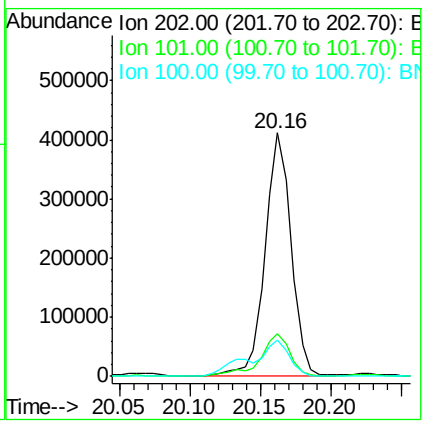
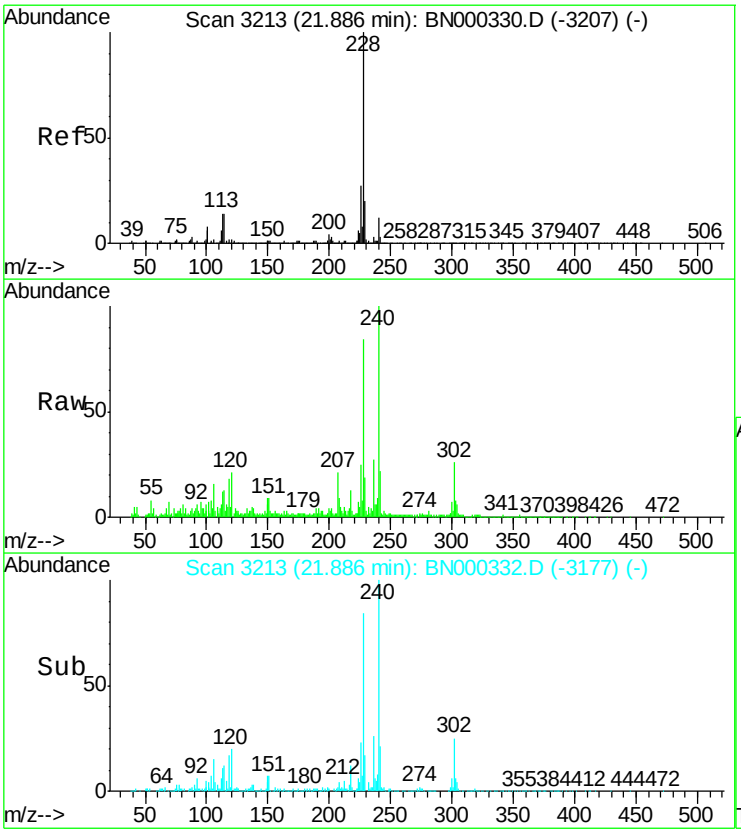
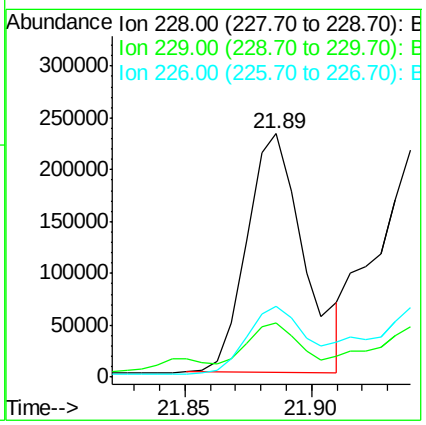


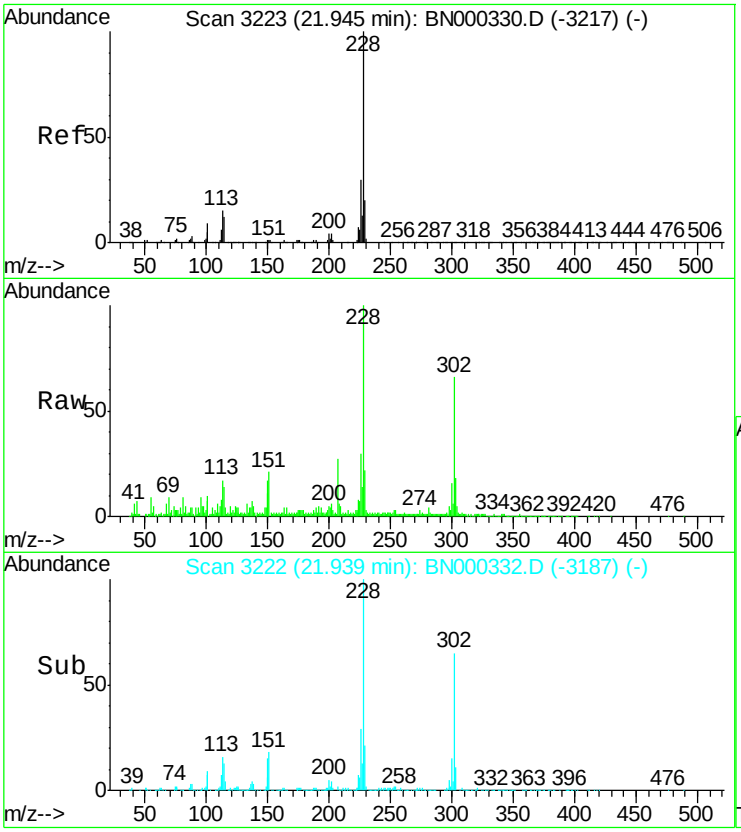


#20
Benzo(a)anthracene
Concen: 3.192 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:228 Resp: 360449

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	29.2	21.1	31.7

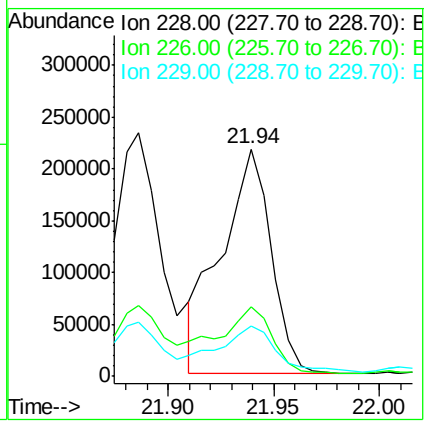




#21
Chrysene
Concen: 3.289 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. 0.01 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:228 Resp: 352404

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.2	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAM84

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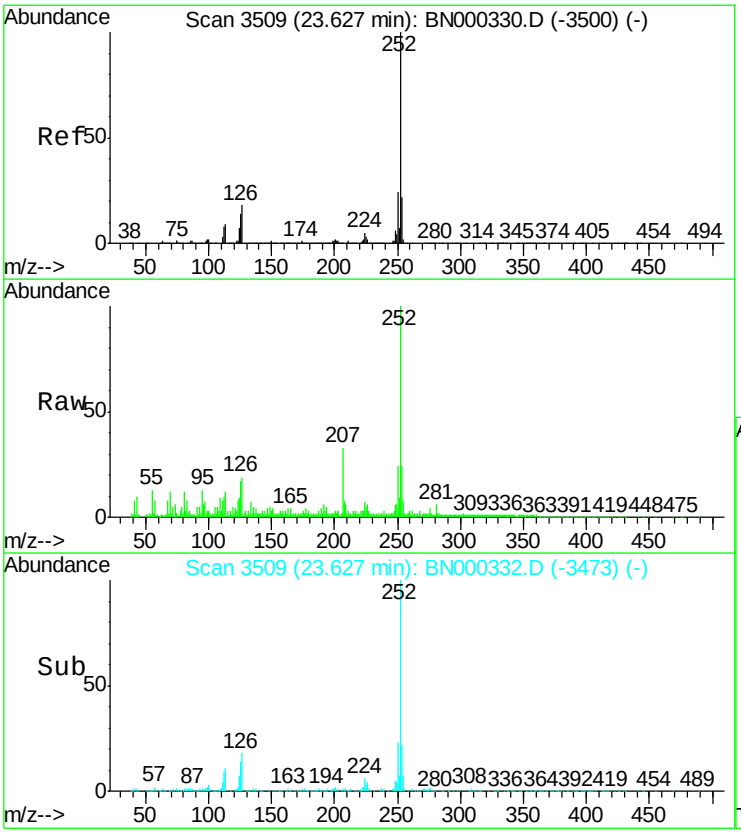
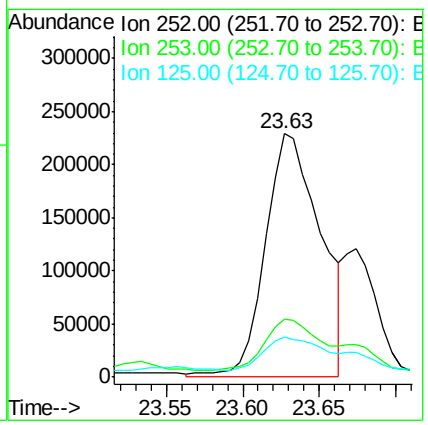
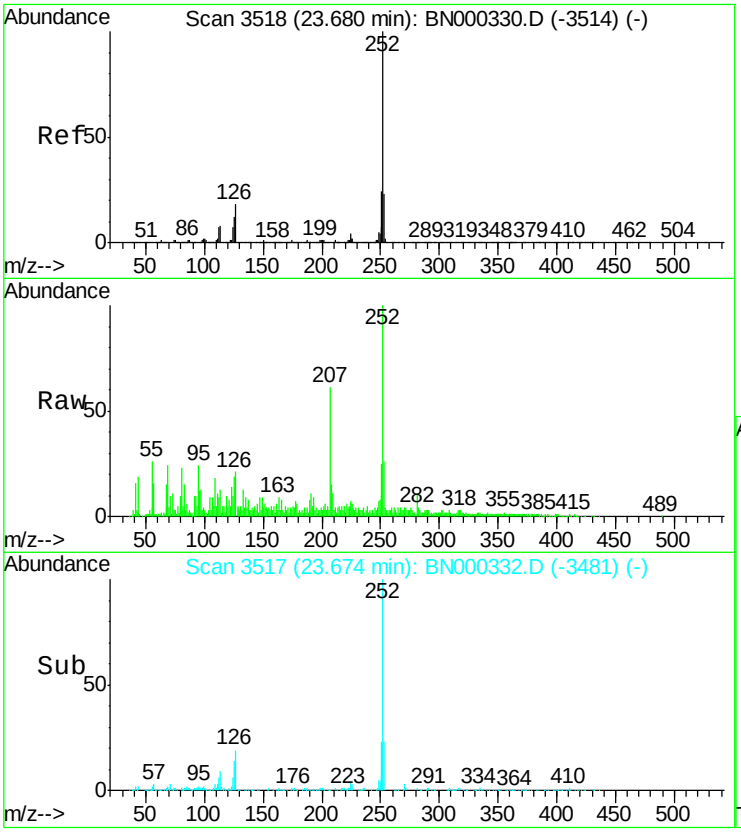


#23
Benzo(b)fluoranthene
Concen: 6.233 ng/ul m
RT: 23.63 min Scan# 3509
Delta R.T. 0.01 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:252 Resp: 579226

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	16.6	8.0	12.0#

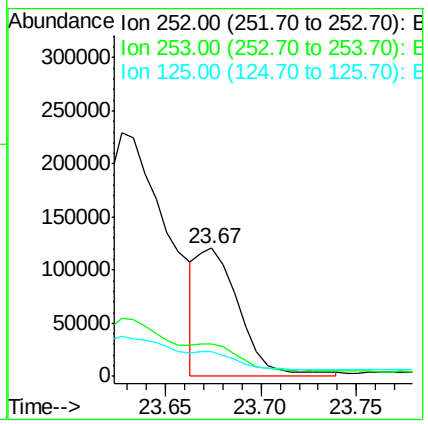




#24
Benzo(k)fluoranthene
Concen: 2.137 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:252 Resp: 185853

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	19.0	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAM84

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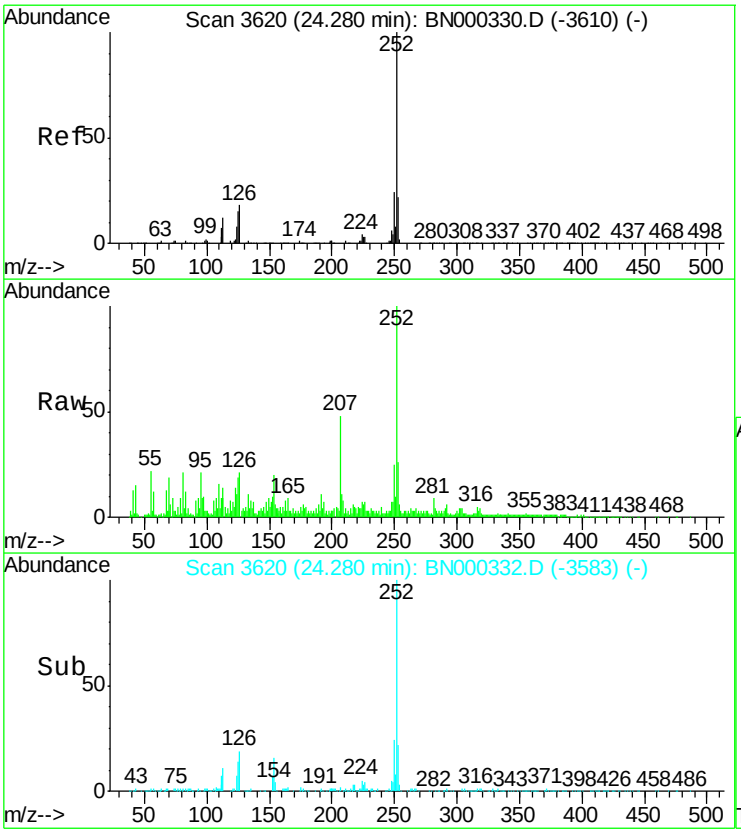
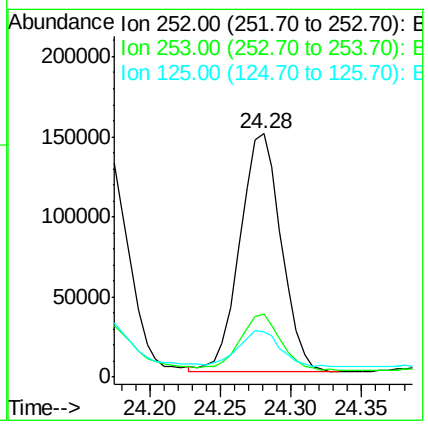
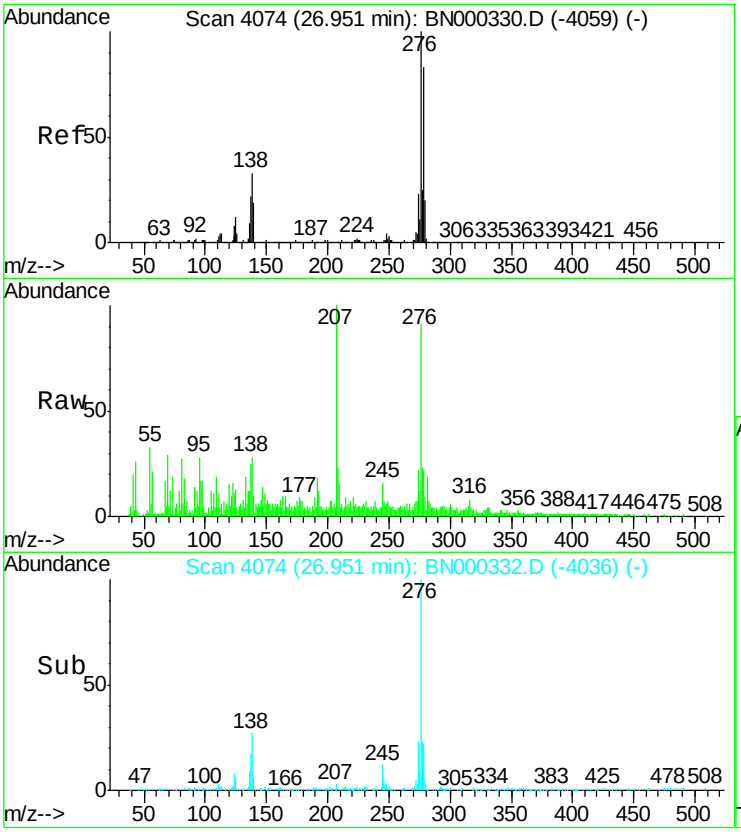


#26
Benzo(a)pyrene
Concen: 3.436 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. 0.02 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:252 Resp: 303942

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8
125	18.6	8.2	12.4#

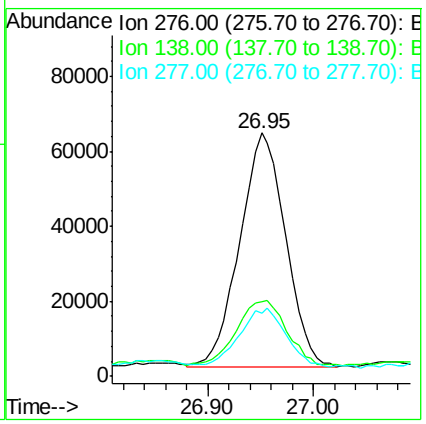




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.976 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. 0.02 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:276 Resp: 188442

Ion	Ratio	Lower	Upper
276	100		
138	30.6	14.4	21.6#
277	25.8	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAM84

Manual Integrations APPROVED
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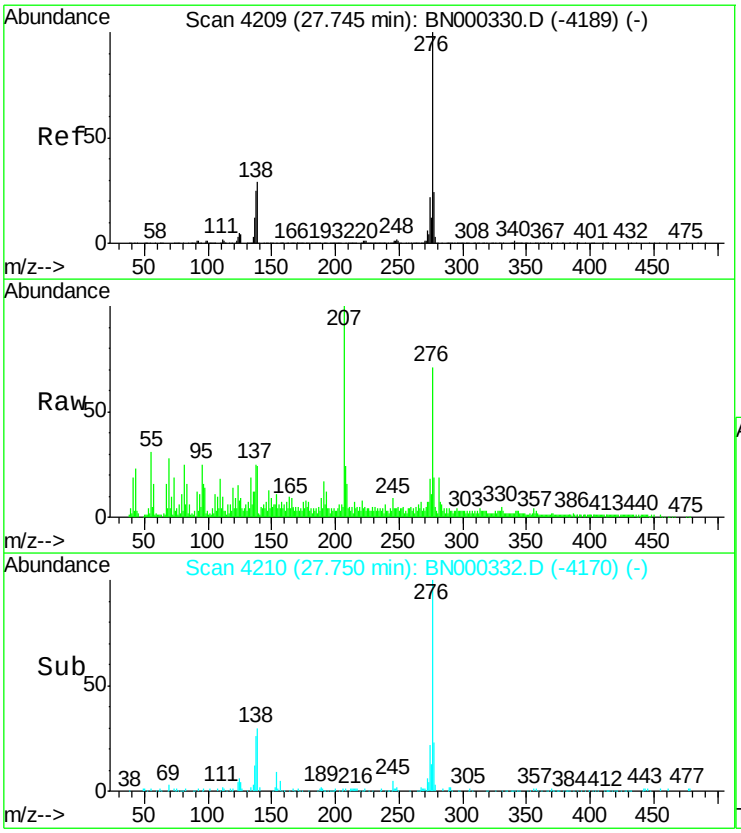

#29
Benzo(g,h,i)perylene
Concen: 2.111 ng/ul
RT: 27.75 min Scan# 4210
Delta R.T. 0.04 min
Lab File: BN000332.D
Acq: 13 Mar 2018 03:34

Tgt Ion:276 Resp: 168125

Ion	Ratio	Lower	Upper
276	100		
138	34.3	15.3	22.9#
277	27.0	19.0	28.4