Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000958.D
Acq On : 27 Apr 2018 06:21
Operator : JU/SJ
Sample : J2526-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS58

Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

Quant Time: Apr 27 09:35:50 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 09:25:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	194909	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	797556	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	373409	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	670631	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	598008	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	662962	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	984806	27.46	ng/ul	0.00
10) Fluorene-d10	15.26	176	637582	26.64	ng/ul	0.00
14) Anthracene-d10	17.10	188	847542	27.64	ng/ul	0.00
18) Pyrene-d10	19.41	212	845297	27.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	952788	30.42	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	134884	3.356	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	76445	2.850	ng/ul	97
5) 1-Methylnaphthalene	12.28	142	79802	3.034	ng/ul#	94
9) Acenaphthene	14.32	153	116650	4.757	ng/ul	94
11) Fluorene	15.31	166	93457	3.580	ng/ul	94
13) Phenanthrene	17.05	178	1512249	41.345	ng/ul	99
15) Anthracene	17.14	178	347369	9.468	ng/ul	99
16) Fluoranthene	19.07	202	1727973	46.564	ng/ul#	93
19) Pyrene	19.44	202	1468442	38.230	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	851472	23.819	ng/ul	98
21) Chrysene	21.25	228	787210m	23.430	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	1136747m	30.171	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	326711m	8.862	ng/ul	
26) Benzo(a)pyrene	23.32	252	760902	21.132	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.60	276	534682	12.294	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.60	278	153055	4.223	ng/ul#	77
29) Benzo(g,h,i)perylene	26.27	276	426848	11.735	ng/ul#	95

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

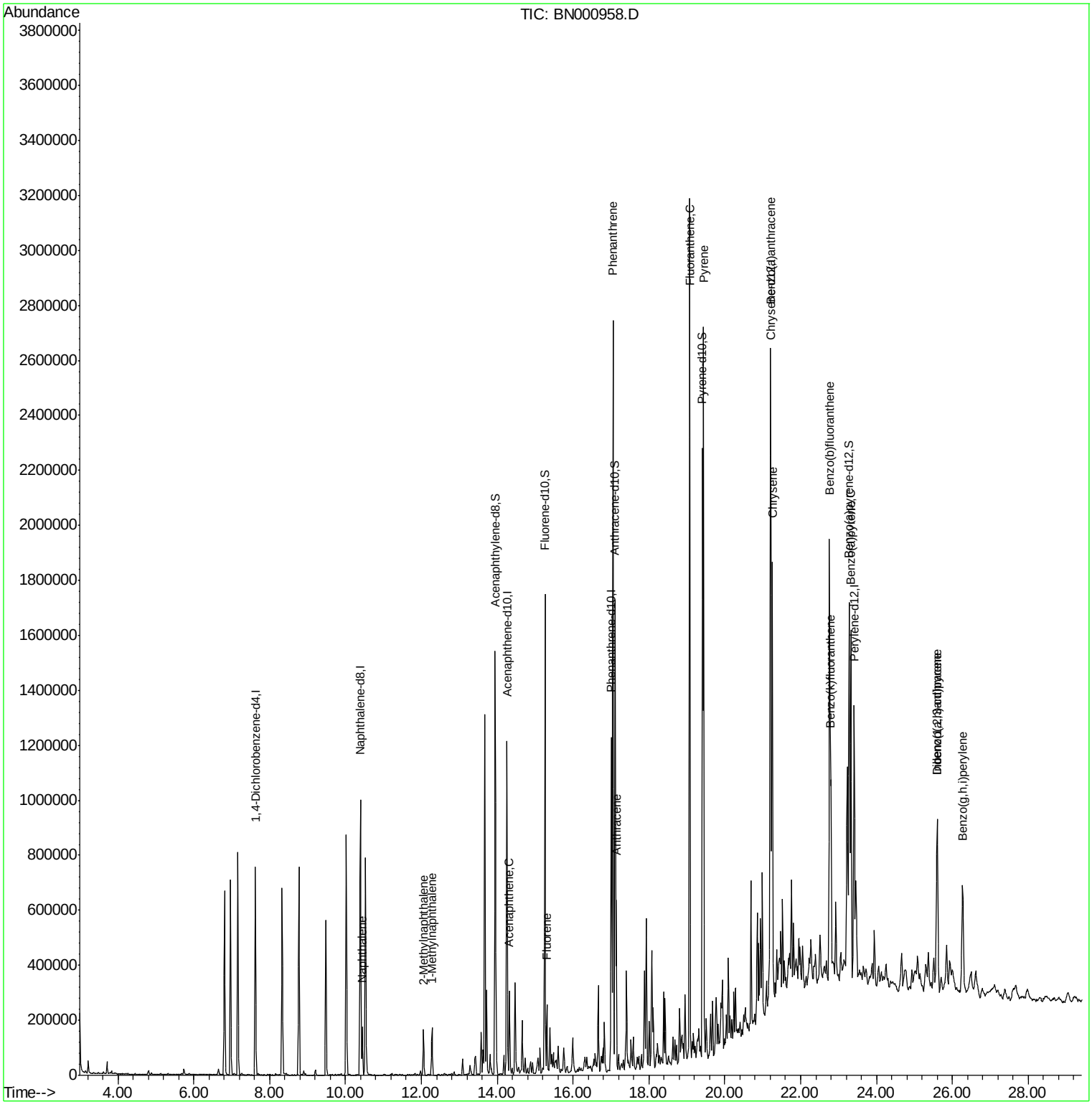
Quantitation Report (QT Reviewed)

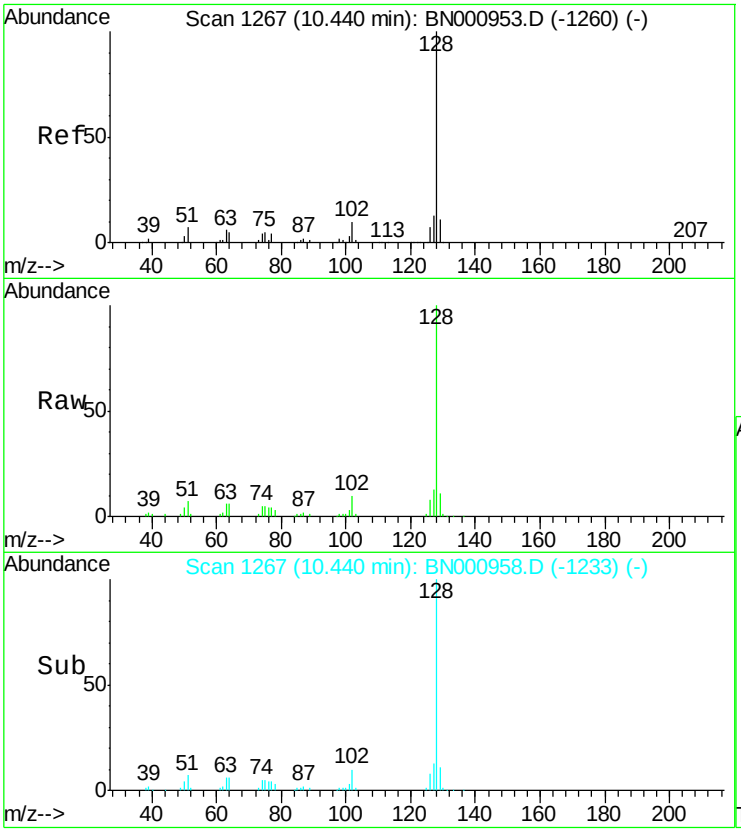
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000958.D
Acq On : 27 Apr 2018 06:21
Operator : JU/SJ
Sample : J2526-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 27 09:35:50 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 09:25:35 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAS58

Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

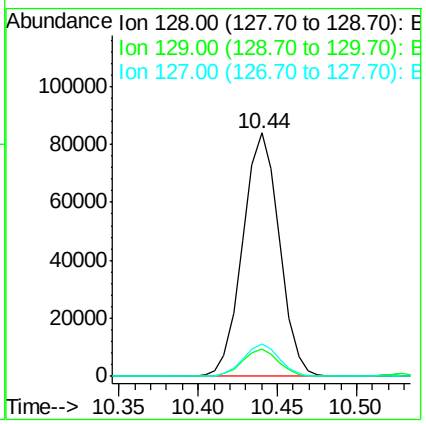




#3
Naphthalene
Concen: 3.356 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

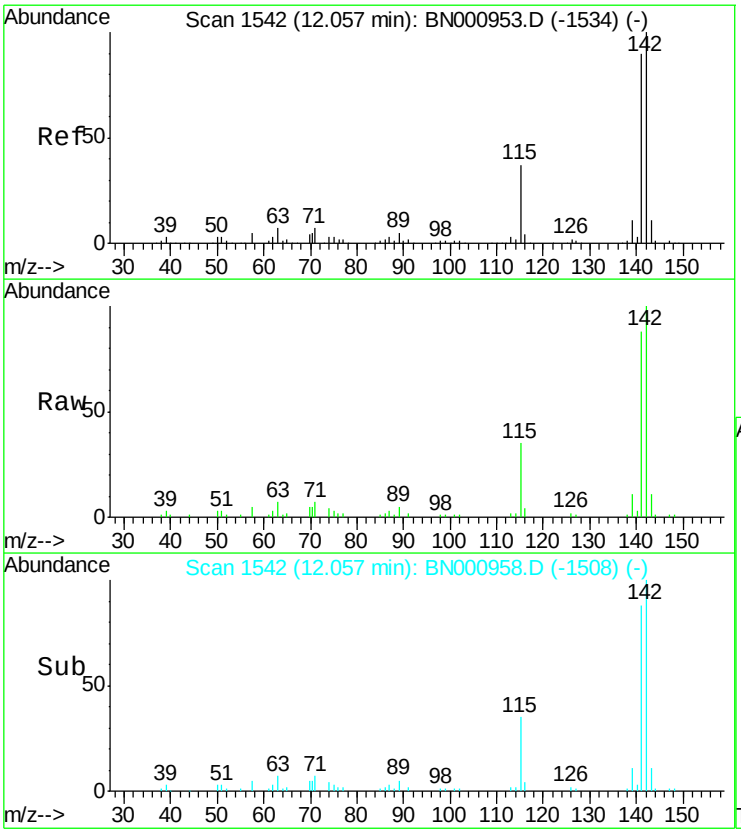
Tgt Ion:128 Resp: 134884

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.4	10.6	16.0



Instrument :
BNA_N
ClientSampleId :
DAS58

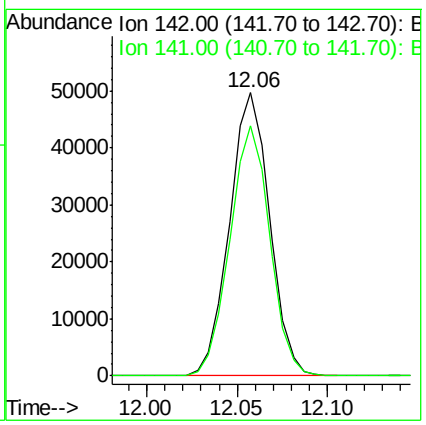
Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

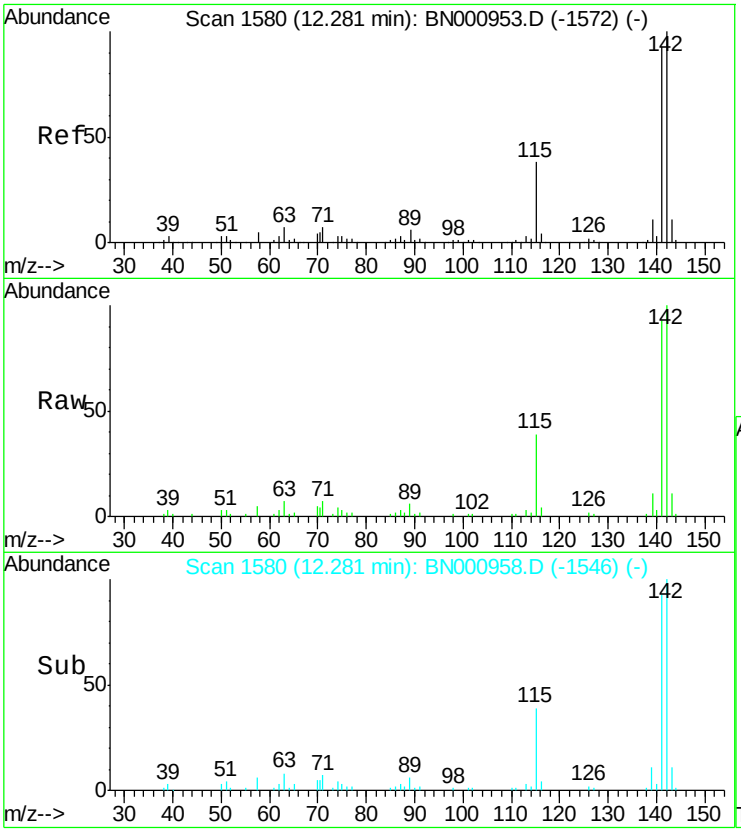


#4
2-Methylnaphthalene
Concen: 2.850 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:142 Resp: 76445

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.7	109.1

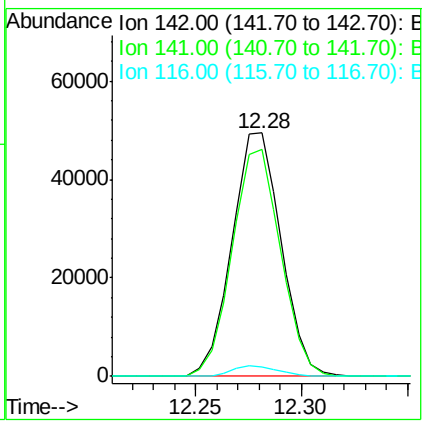




#5
1-Methylnaphthalene
Concen: 3.034 ng/ul
RT: 12.28 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

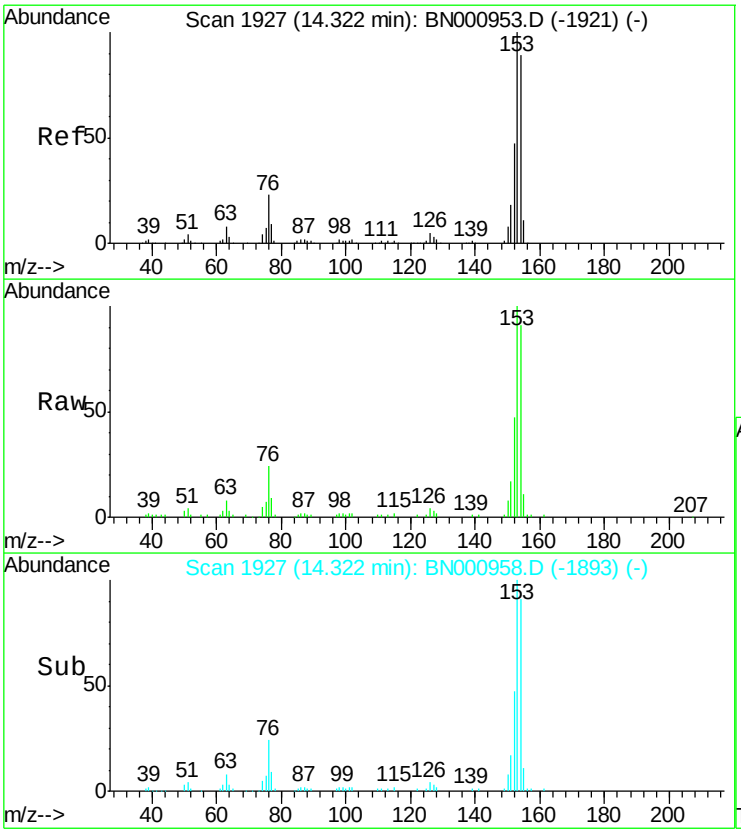
Tgt Ion:142 Resp: 79802

Ion	Ratio	Lower	Upper
142	100		
141	93.0	79.3	118.9
116	3.9	4.2	6.2#



Instrument :
BNA_N
ClientSampleId :
DAS58

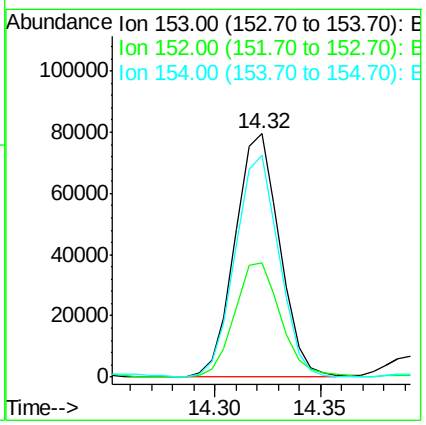
Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

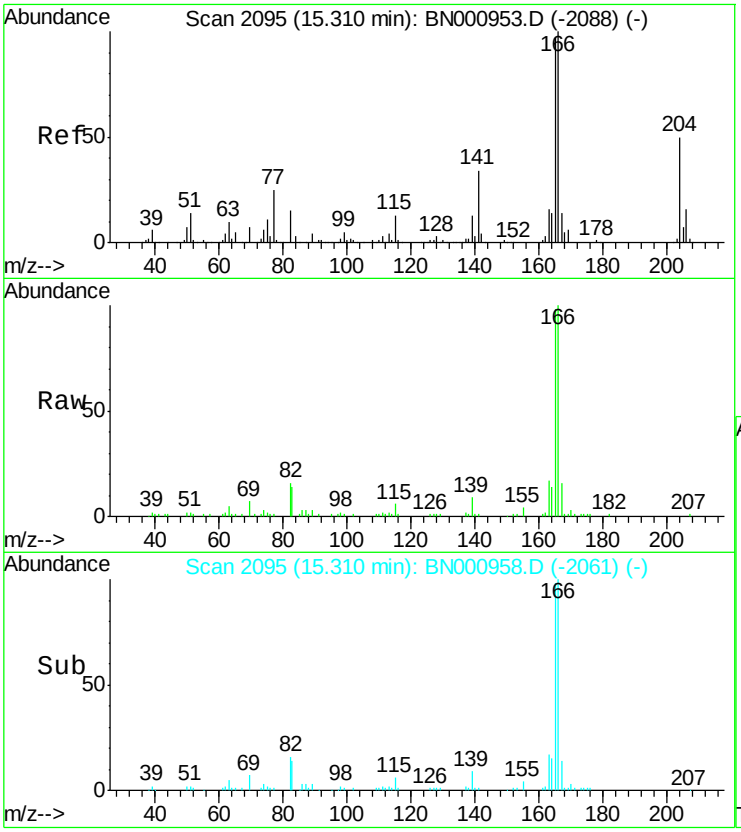


#9
Acenaphthene
Concen: 4.757 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:153 Resp: 116650

Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.0	58.6
154	91.1	66.8	100.2

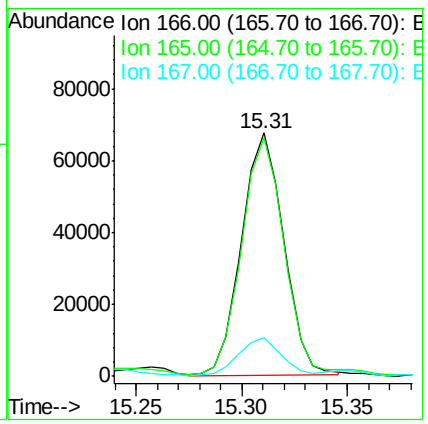




#11
Fluorene
Concen: 3.580 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

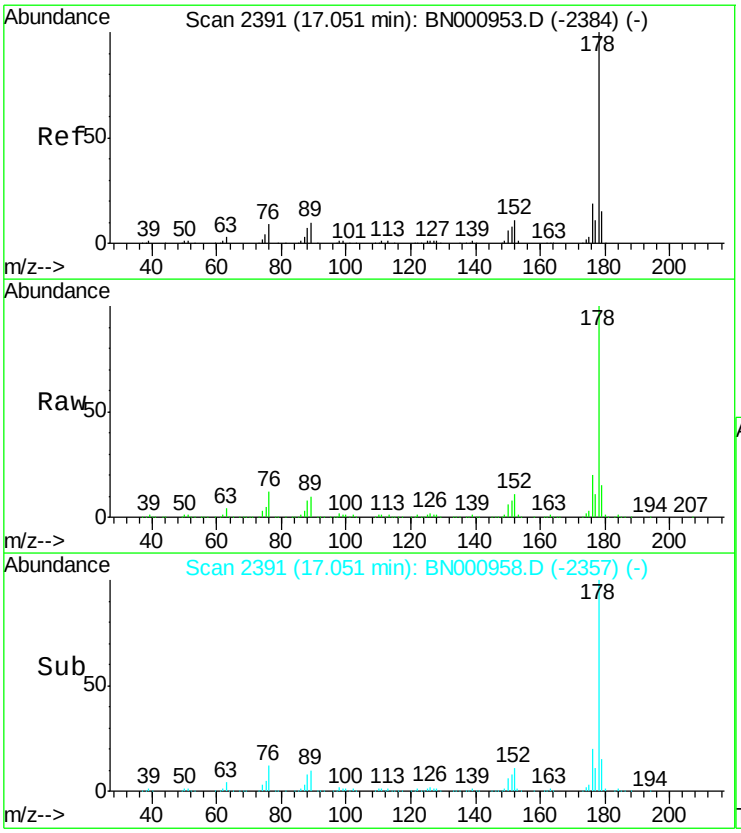
Tgt Ion:166 Resp: 93457

Ion	Ratio	Lower	Upper
166	100		
165	98.2	83.8	125.8
167	15.8	11.5	17.3



Instrument :
BNA_N
ClientSampleId :
DAS58

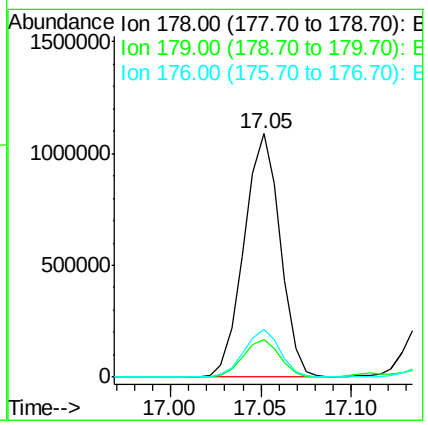
Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

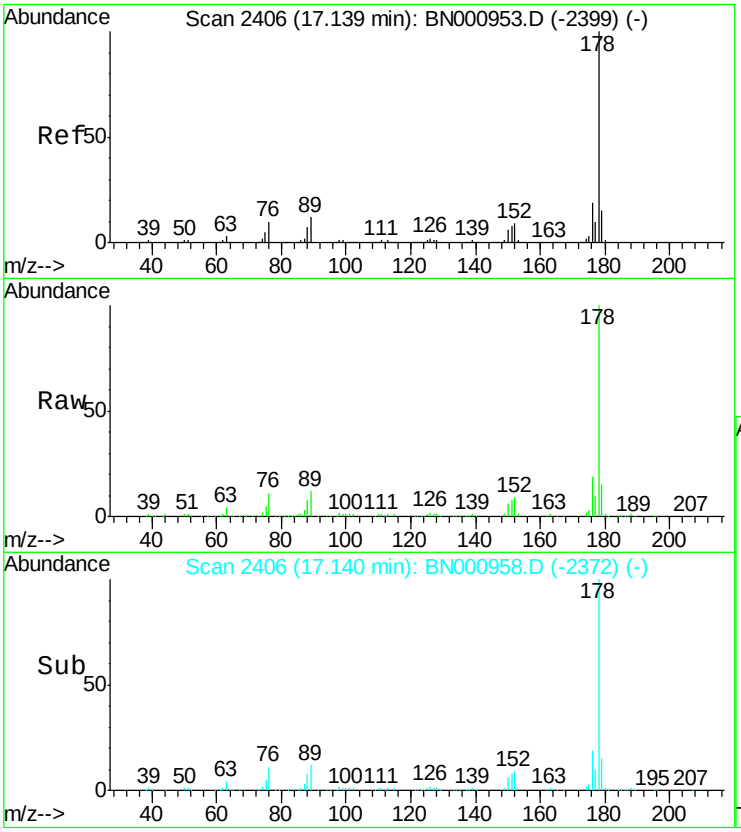


#13
Phenanthrene
Concen: 41.345 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:178 Resp: 1512249

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.1	22.7

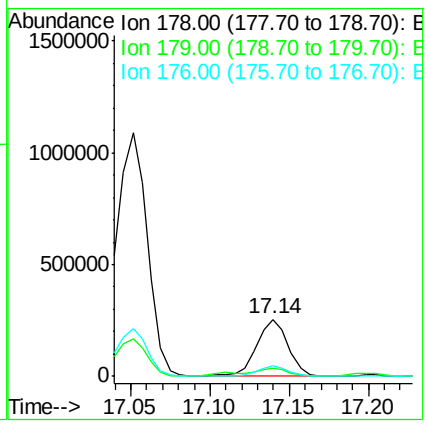




#15
Anthracene
Concen: 9.468 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

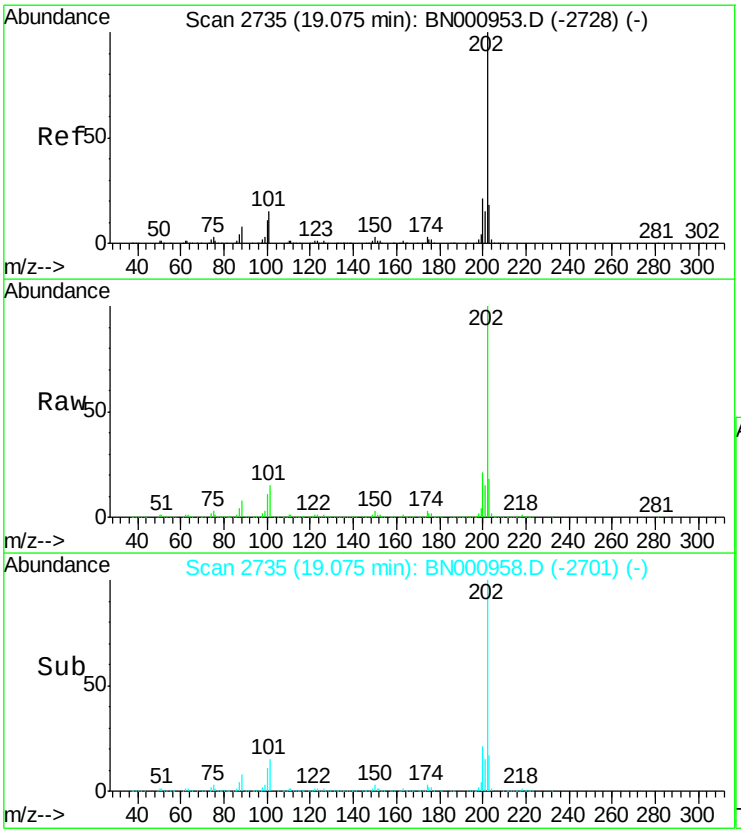
Tgt Ion:178 Resp: 347369

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.8	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
DAS58

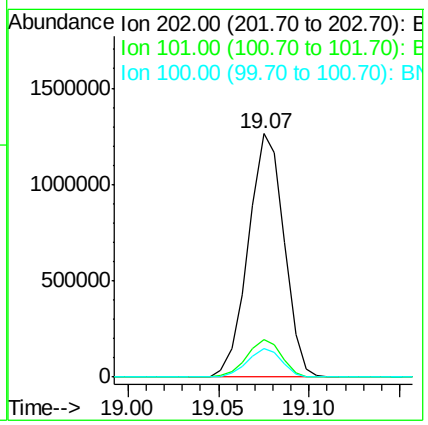
Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

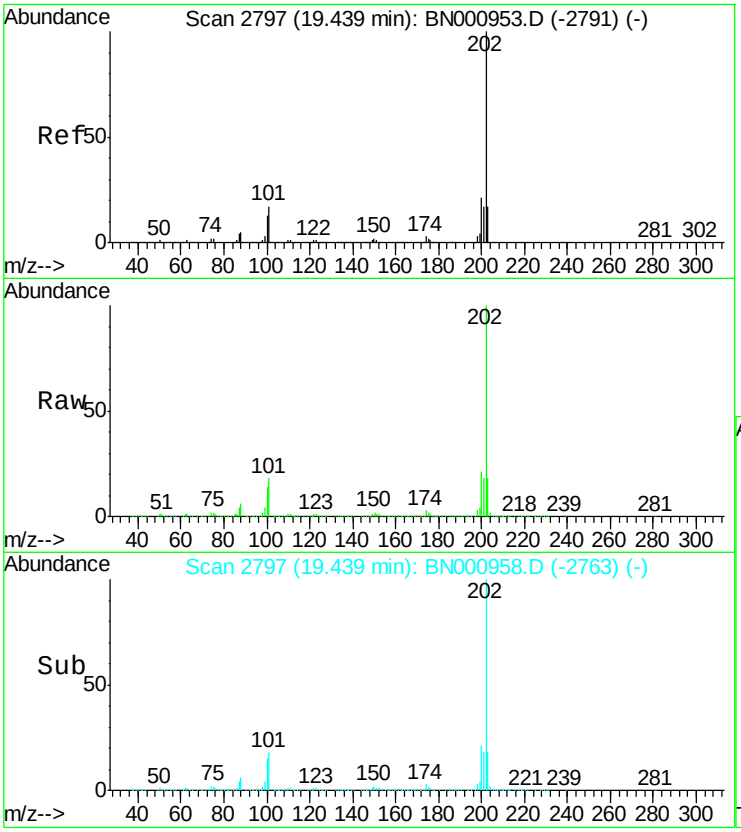


#16
Fluoranthene
Concen: 46.564 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:202 Resp: 1727973

Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.5	7.4	11.0#





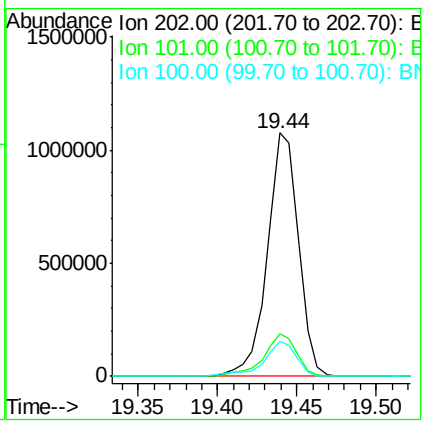
#19
Pyrene
Concen: 38.230 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

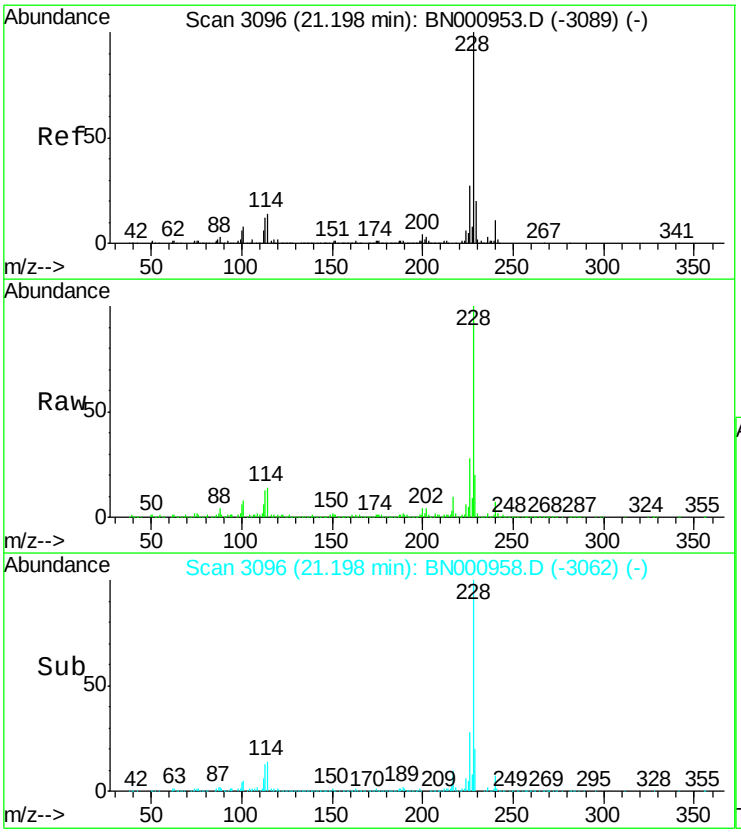
Tgt Ion:202 Resp: 1468442

Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.5	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAS58

Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

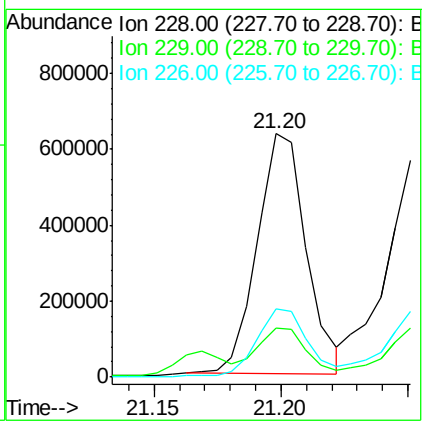


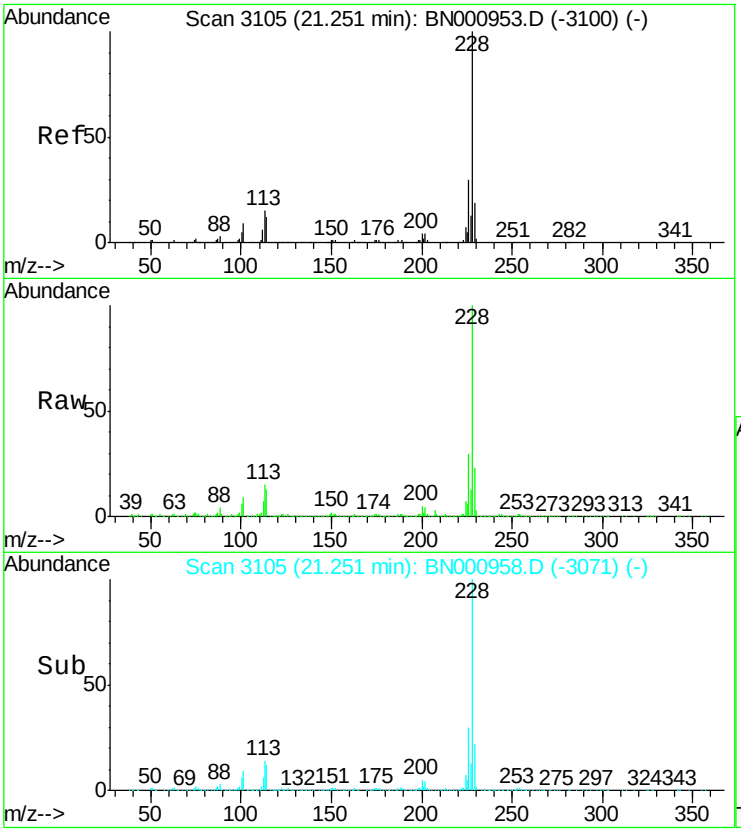


#20
Benzo(a)anthracene
Concen: 23.819 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:228 Resp: 851472

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	27.9	21.1	31.7

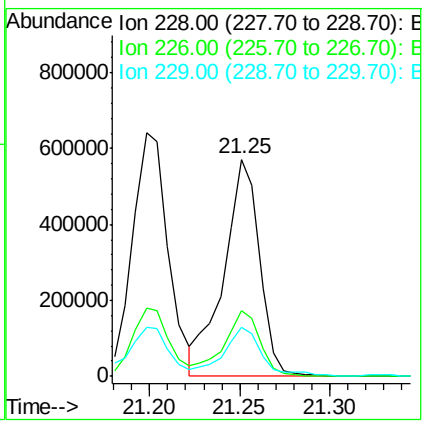




#21
Chrysene
Concen: 23.430 ng/ul m
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

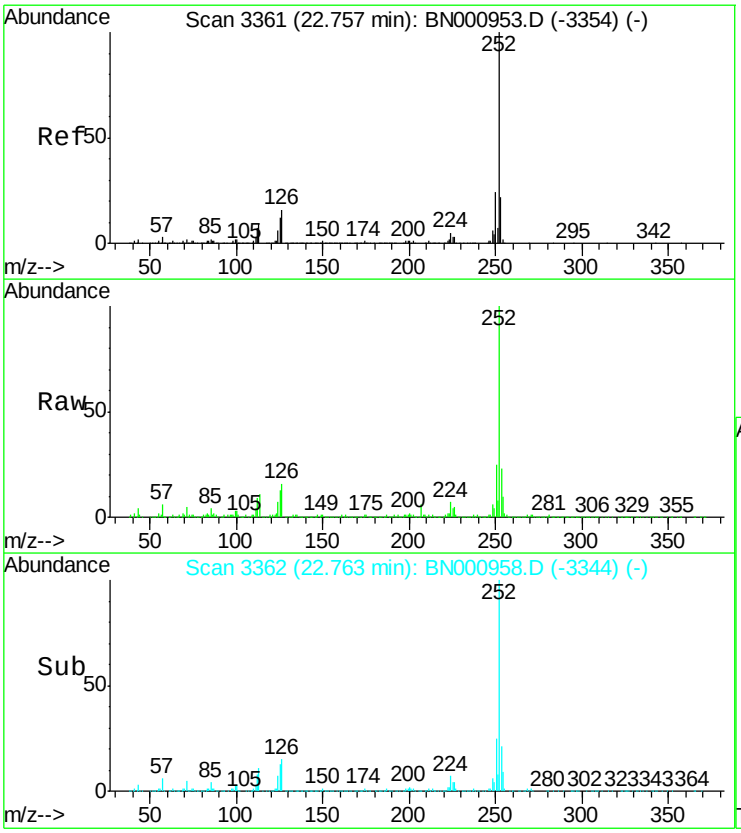
Tgt Ion:228 Resp: 787210

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.6	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAS58

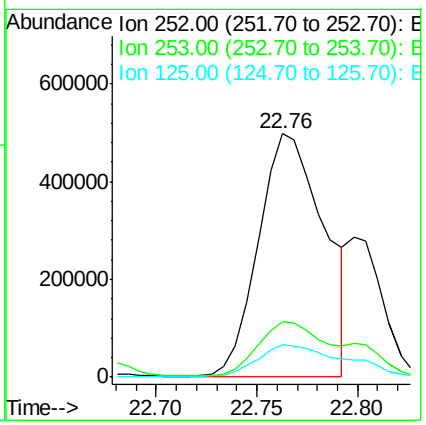
Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

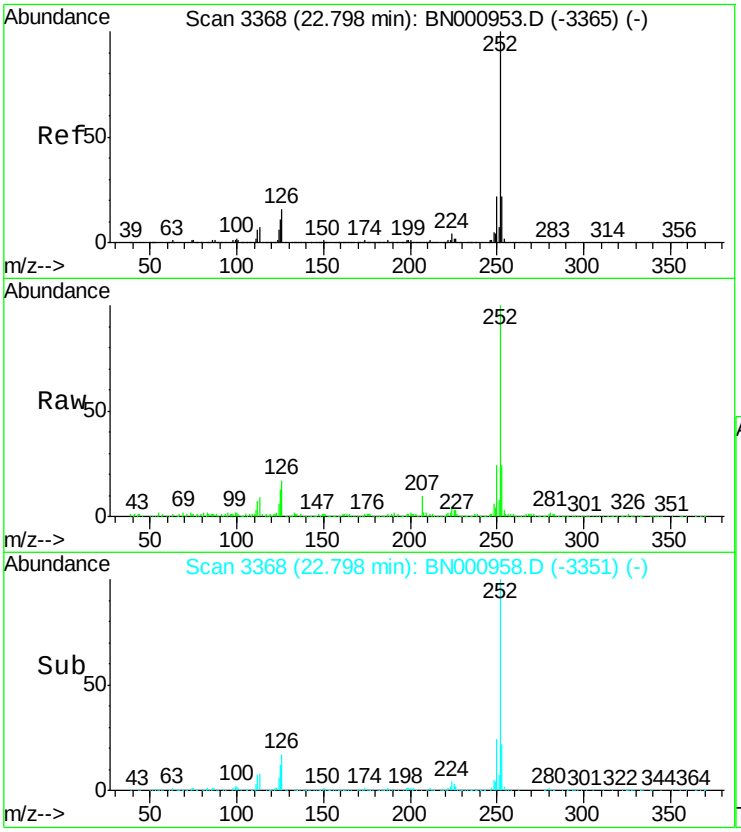


#23
Benzo(b)fluoranthene
Concen: 30.171 ng/ul m
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:252 Resp: 1136747

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.2	8.0	12.0#

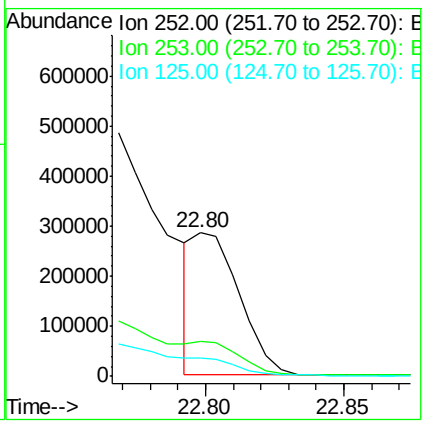




#24
Benzo(k)fluoranthene
Concen: 8.862 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

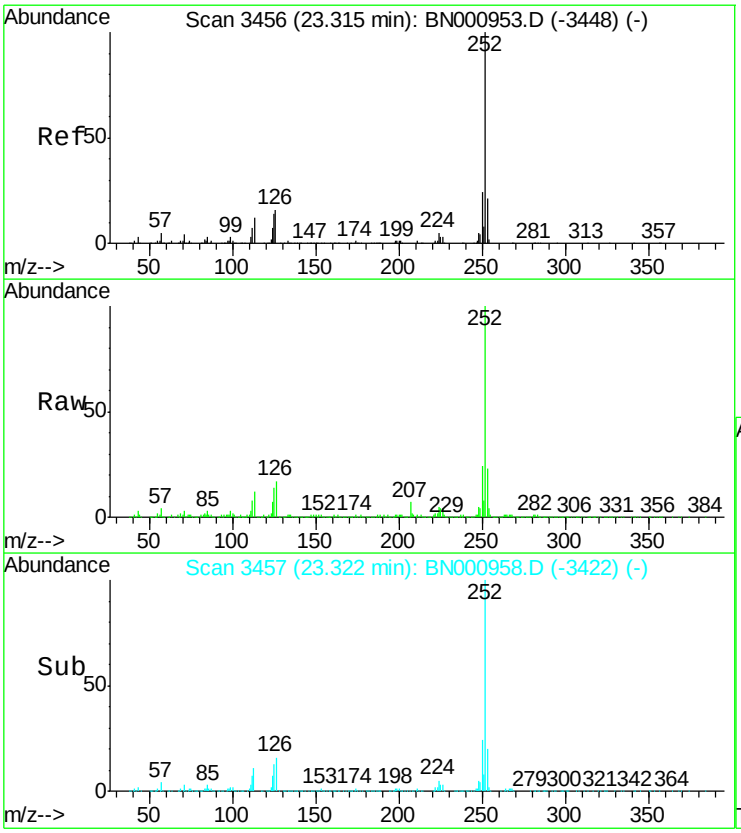
Tgt Ion:252 Resp: 326711

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	12.6	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAS58

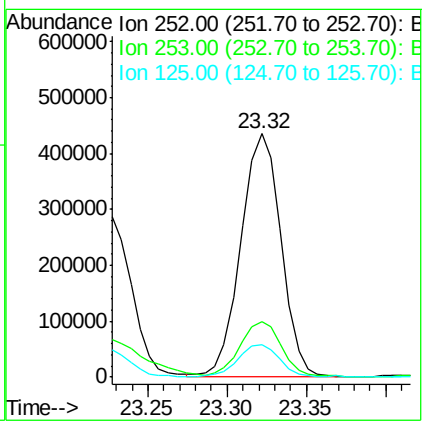
Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

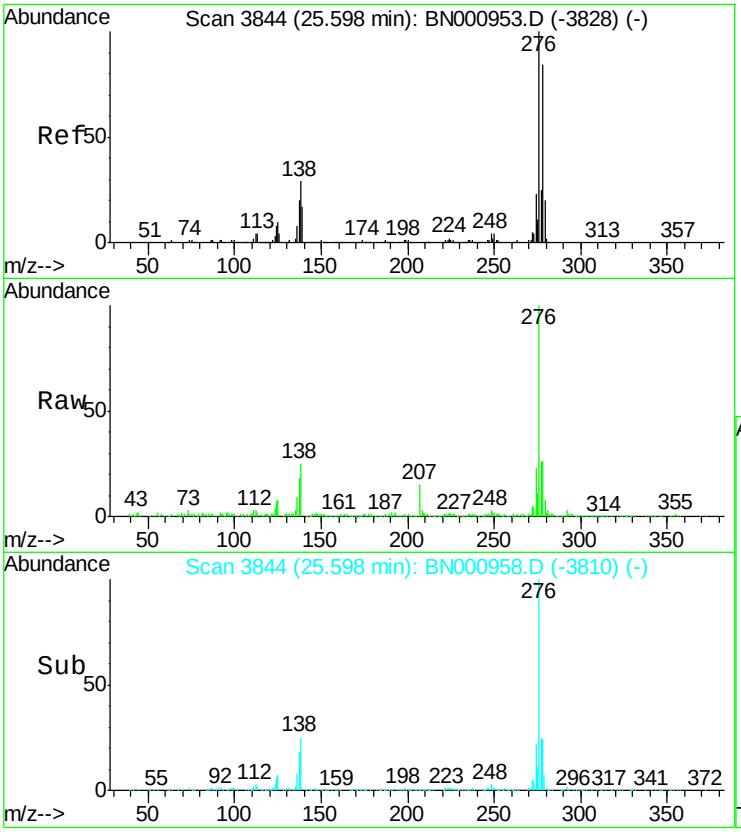


#26
Benzo(a)pyrene
Concen: 21.132 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:252 Resp: 760902

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	13.6	8.2	12.4#





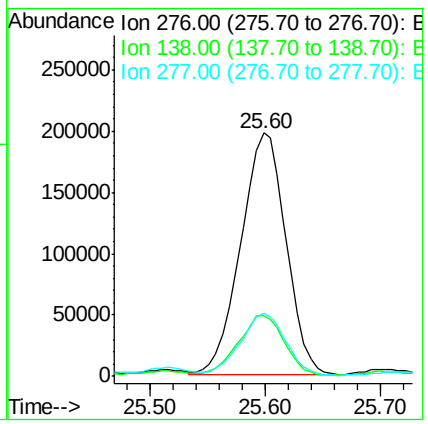
#27
Indeno(1,2,3-cd)pyrene
Concen: 12.294 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. 0.00 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

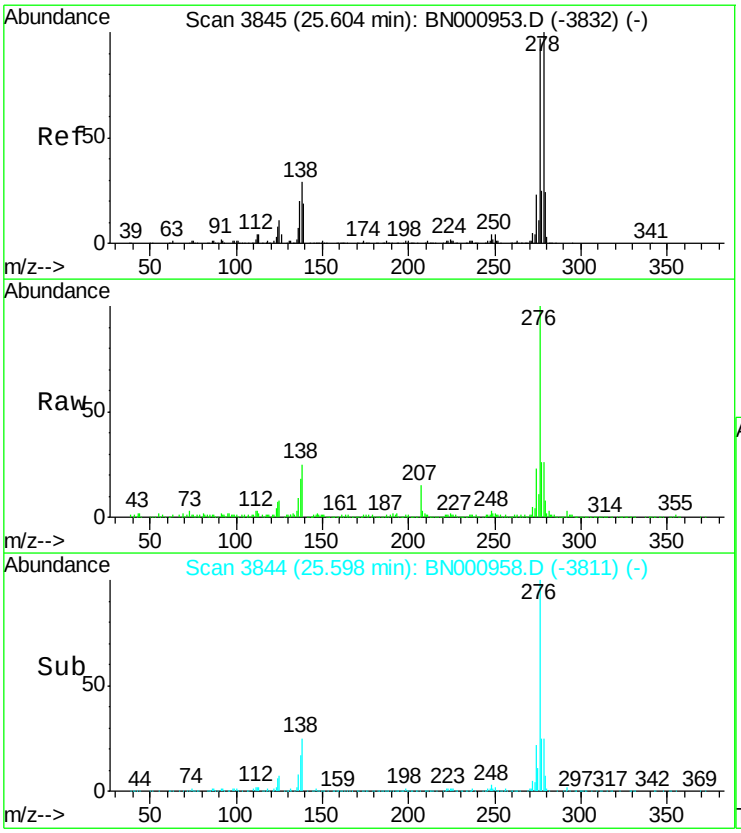
Tgt Ion:276 Resp: 534682

Ion	Ratio	Lower	Upper
276	100		
138	24.7	14.4	21.6#
277	25.7	18.0	27.0

Instrument :
BNA_N
ClientSampleId :
DAS58

Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM

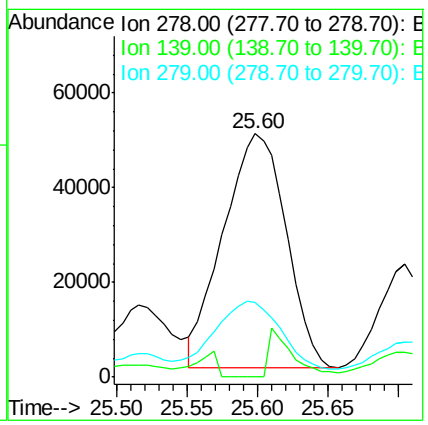


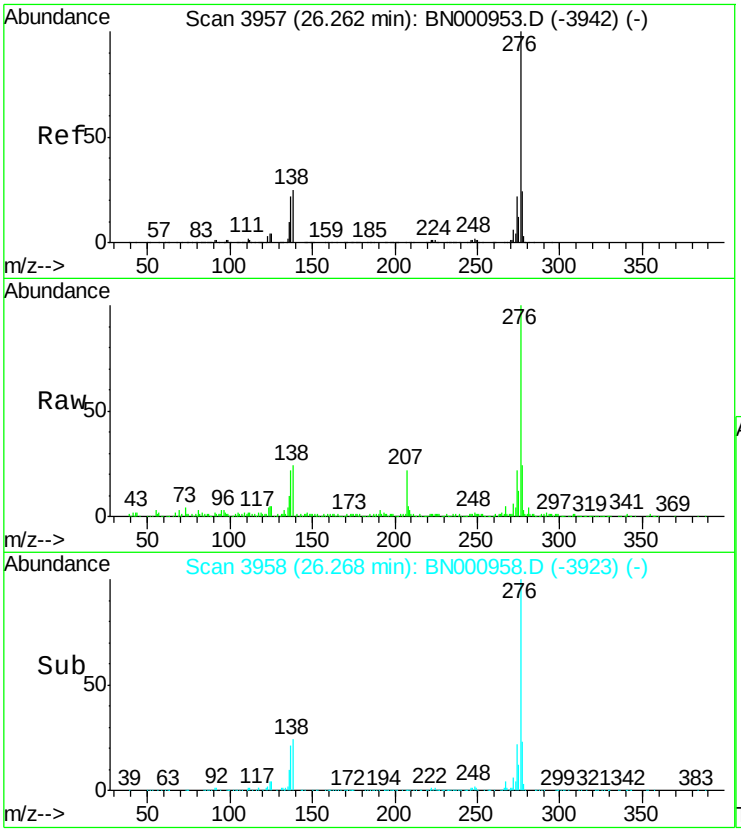


#28
Dibenzo(a,h)anthracene
Concen: 4.223 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:278 Resp: 153055

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	30.8	19.2	28.8#

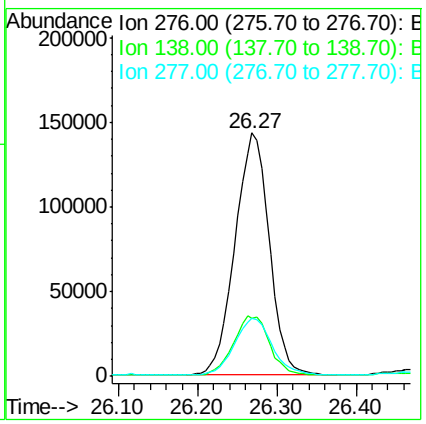




#29
Benzo(g,h,i)perylene
Concen: 11.735 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. 0.01 min
Lab File: BN000958.D
Acq: 27 Apr 2018 06:21

Tgt Ion:276 Resp: 426848

Ion	Ratio	Lower	Upper
276	100		
138	24.0	15.3	22.9#
277	23.8	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAS58

Manual Integrations APPROVED
Sohil
4/27/2018 7:27:58 PM