Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009518.D
Acq On : 31 Jan 2020 19:24
Operator : CG/JU
Sample : L1271-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT03

Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

Quant Time: Feb 01 01:13:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	170158	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	718044	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	436072	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.84	188	880914	20.00	ng/ul	-0.01
77) Chrysene-d12	21.05	240	731639	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	804808	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	9904	2.41	ng/uL	0.00
5) Phenol-d5	6.65	99	206303	13.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	161514	15.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	168067	15.26	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	173690	14.46	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	88601	16.96	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	97726	17.84	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.84	165	165715	15.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	122802	9.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	578884	17.94	ng/ul	-0.01
46) Acenaphthylene-d8	13.77	160	615062	16.06	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	80412	13.39	ng/ul	0.00
57) Fluorene-d10	15.09	176	471398	16.64	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.23	200	77876	14.60	ng/ul	0.00
70) Anthracene-d10	16.94	188	666920	16.36	ng/ul	0.00
78) Pyrene-d10	19.25	212	639632	16.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	599927	14.77	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.68	94	38955	2.464	ng/ul	99
28) Naphthalene	10.25	128	47074	1.218	ng/ul#	95
34) 2-Methylnaphthalene	11.87	142	99917	3.756	ng/ul	97
44) Dimethylphthalate	13.56	163	146719	4.416	ng/ul#	99
47) Acenaphthylene	13.80	152	1385663	33.519	ng/ul	98
58) Fluorene	15.16	166	81133m	2.471	ng/ul	
69) Phenanthrene	16.88	178	272335	5.479	ng/ul	98
71) Anthracene	16.97	178	467025	9.228	ng/ul	99
76) Fluoranthene	18.91	202	2807713	49.276	ng/ul	99
79) Pyrene	19.28	202	8335057	157.338	ng/ul	97
82) Benzo(a)anthracene	21.04	228	2736930m	54.933	ng/ul	
84) Chrysene	21.09	228	2233916	46.027	ng/ul	97
87) Benzo(b)fluoranthene	22.56	252	2515254m	49.428	ng/ul	
88) Benzo(k)fluoranthene	22.59	252	647446m	12.940	ng/ul	
90) Benzo(a)pyrene	23.08	252	2162597	47.345	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	1047674	18.926	ng/ul	95
92) Dibenzo(a,h)anthracene	25.24	278	344275m	7.372	ng/ul	
93) Benzo(g,h,i)perylene	25.86	276	735027	15.964	ng/ul	97

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

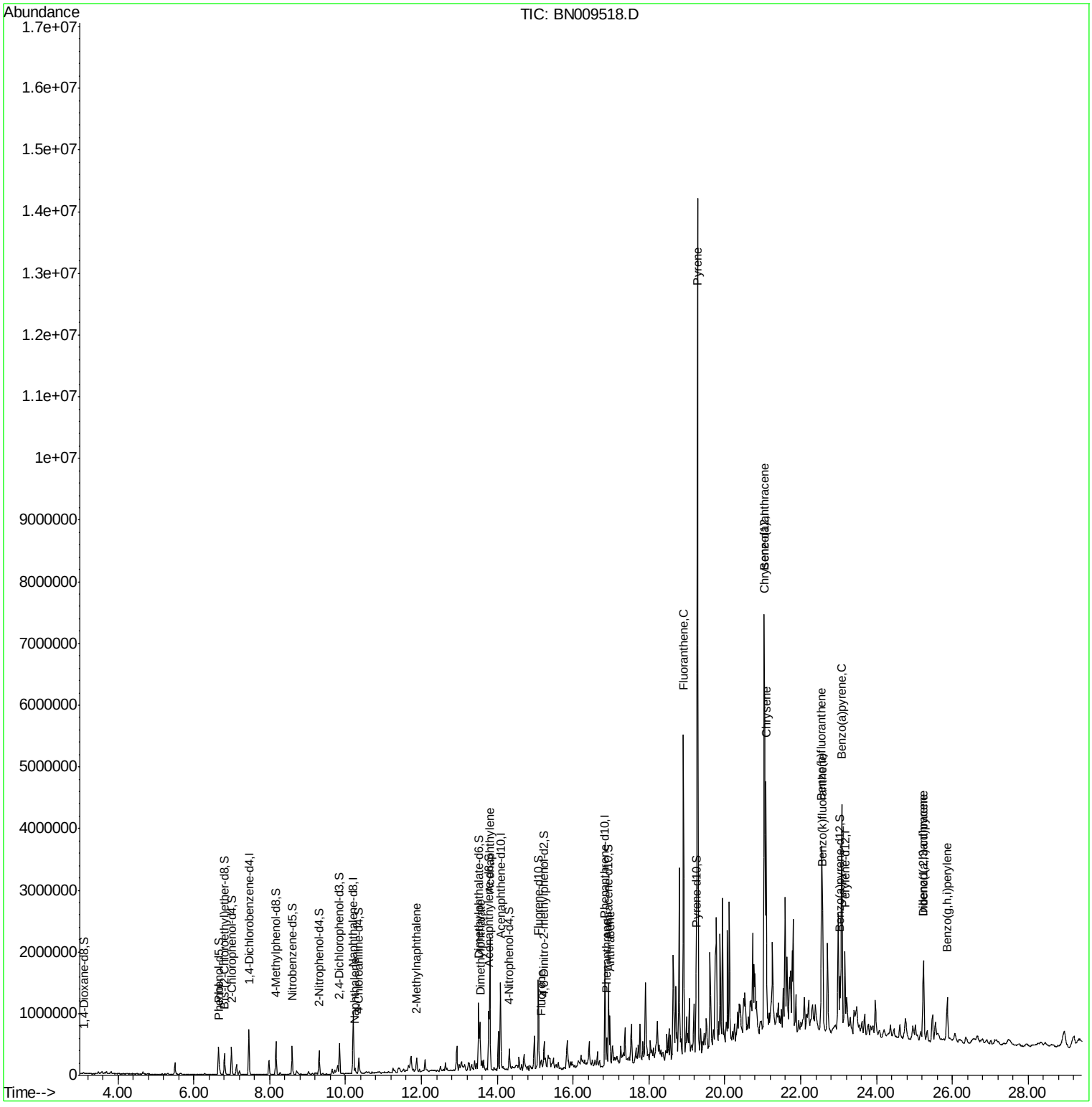
Quantitation Report (LSC Reviewed)

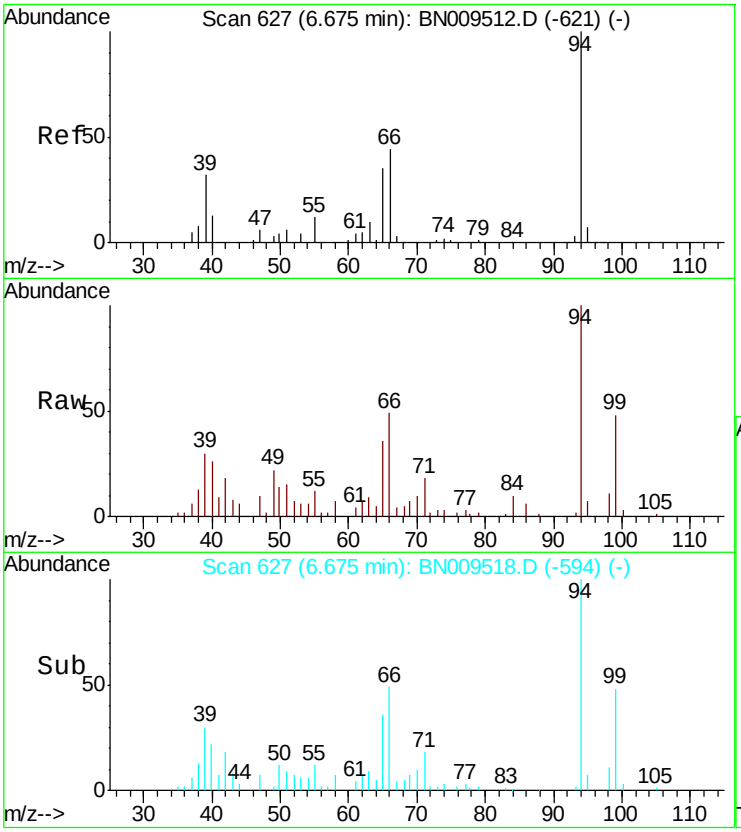
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009518.D
Acq On : 31 Jan 2020 19:24
Operator : CG/JU
Sample : L1271-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Feb 01 01:13:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT03

Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

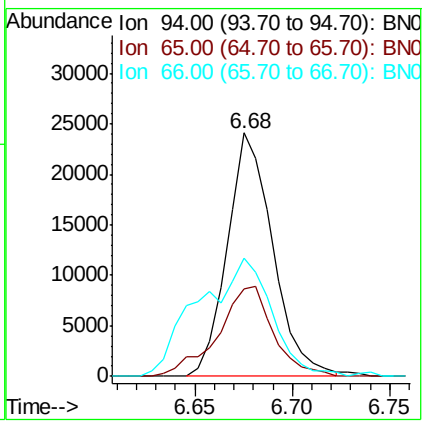




#6
Phenol
Concen: 2.464 ng/ul
RT: 6.68 min Scan# 627
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

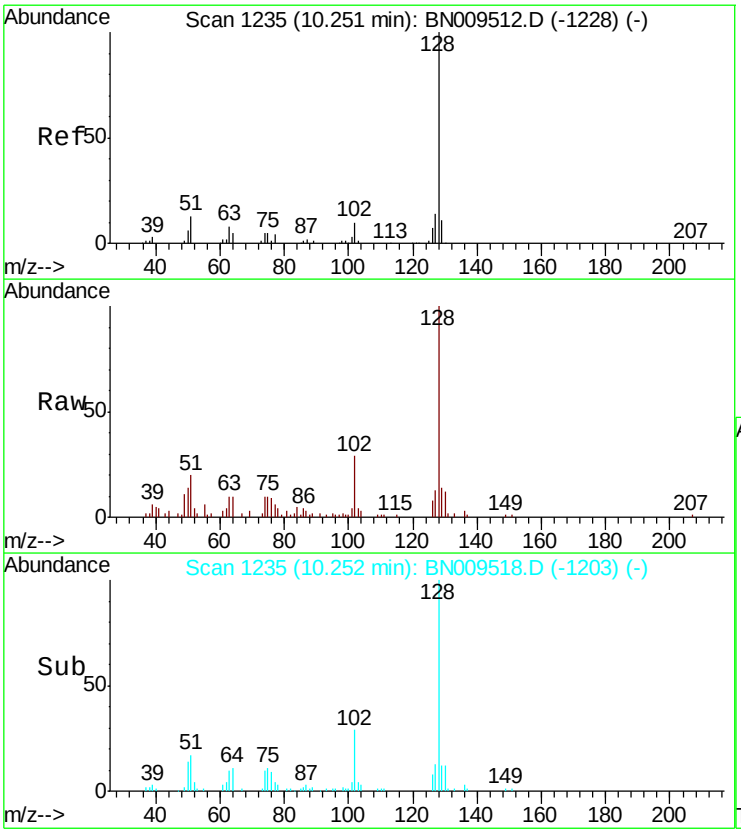
Tgt Ion: 94 Resp: 38955

Ion	Ratio	Lower	Upper
94	100		
65	36.1	29.4	44.0
66	48.6	39.8	59.8



Instrument :
BNA_N
ClientSampleId :
GAT03

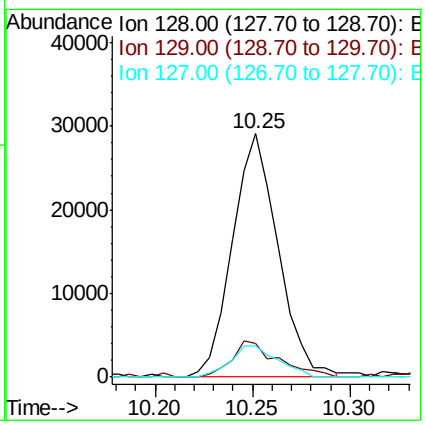
Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

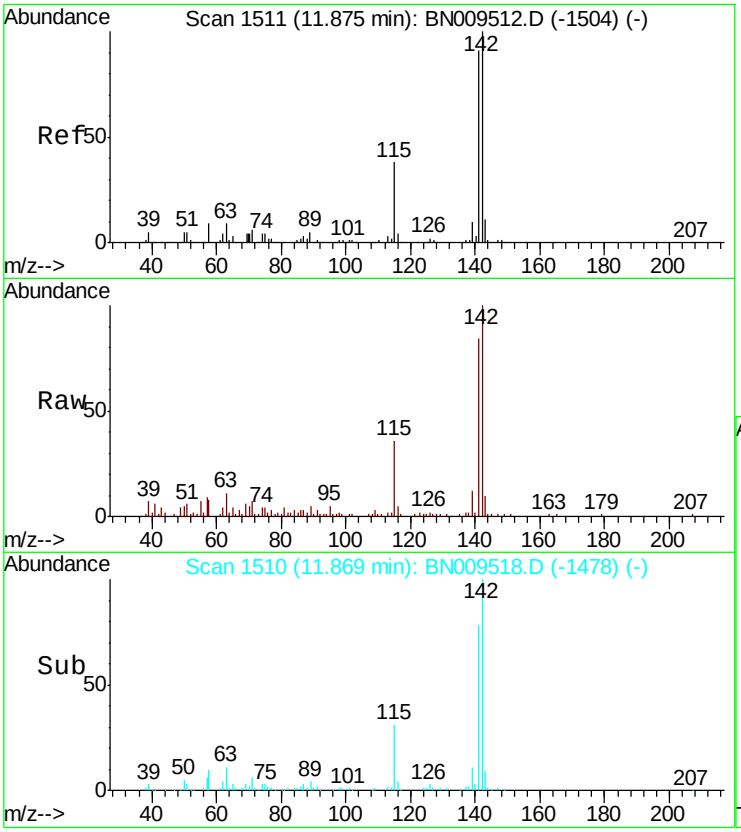


#28
Naphthalene
Concen: 1.218 ng/ul
RT: 10.25 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:128 Resp: 47074

Ion	Ratio	Lower	Upper
128	100		
129	13.8	8.1	12.1#
127	13.0	11.0	16.6





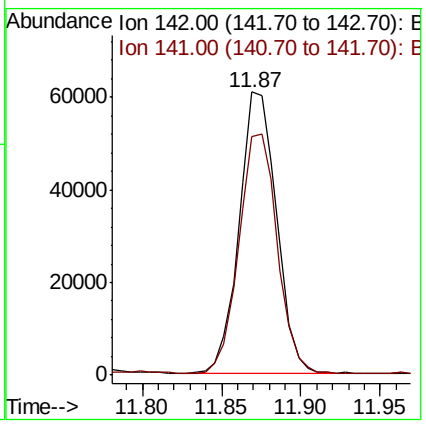
#34
2-Methylnaphthalene
Concen: 3.756 ng/ul
RT: 11.87 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

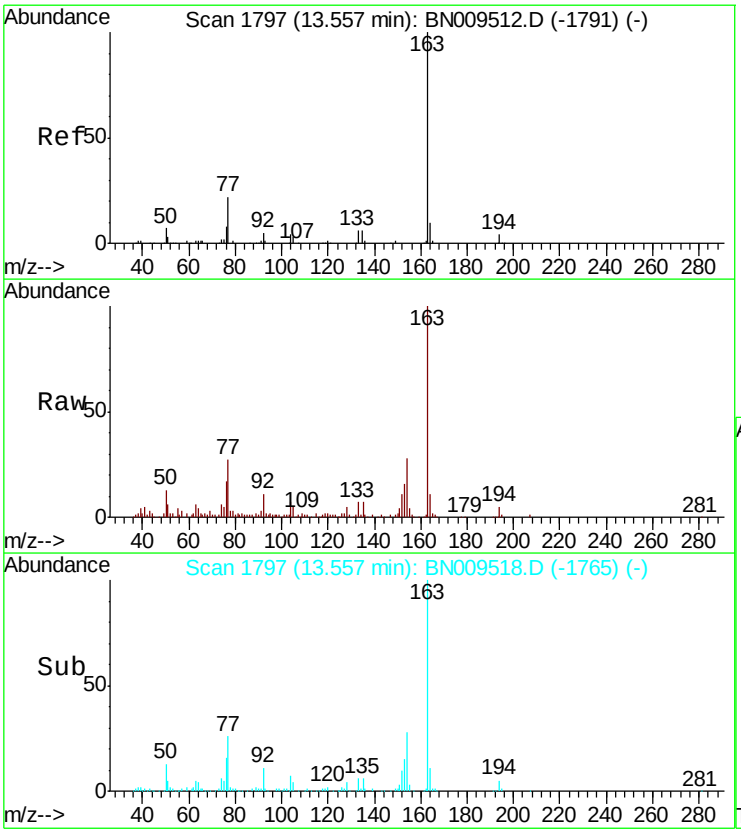
Tgt Ion:142 Resp: 99917

Ion	Ratio	Lower	Upper
142	100		
141	84.2	69.3	103.9

Instrument :
BNA_N
ClientSampleId :
GAT03

Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

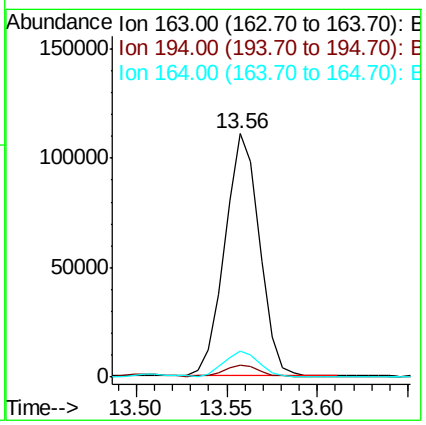


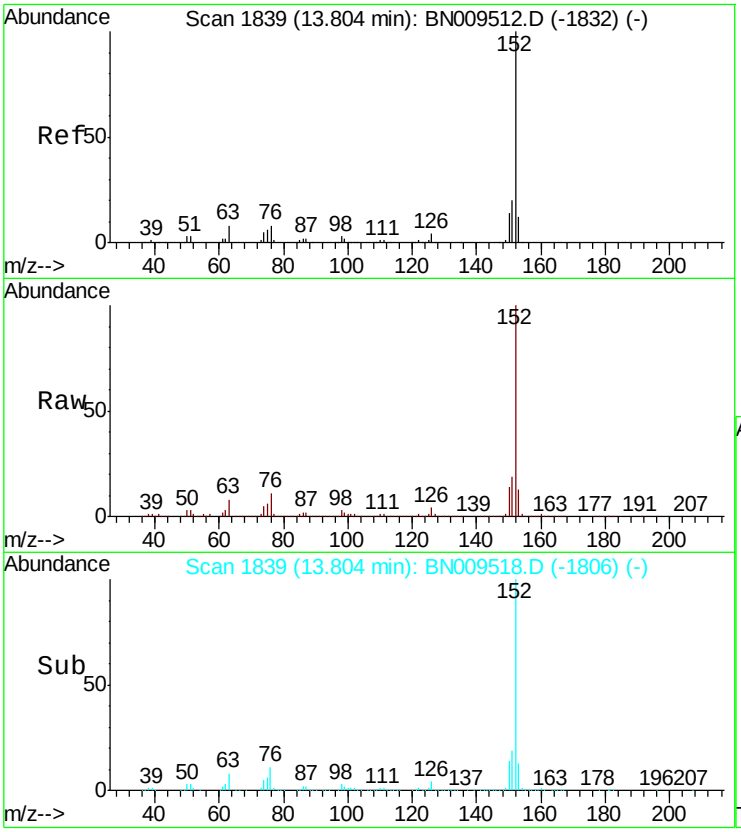


#44
Dimethylphthalate
Concen: 4.416 ng/ul
RT: 13.56 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:163 Resp: 146719

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.1	4.7#
164	10.7	8.3	12.5

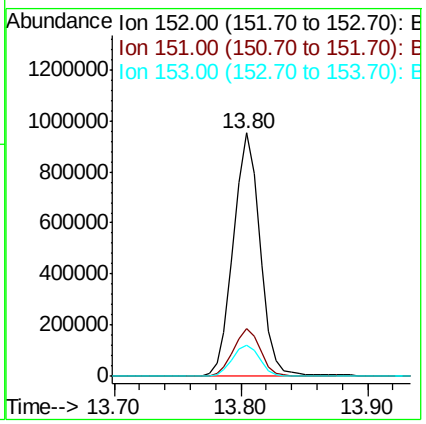




#47
Acenaphthylene
Concen: 33.519 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

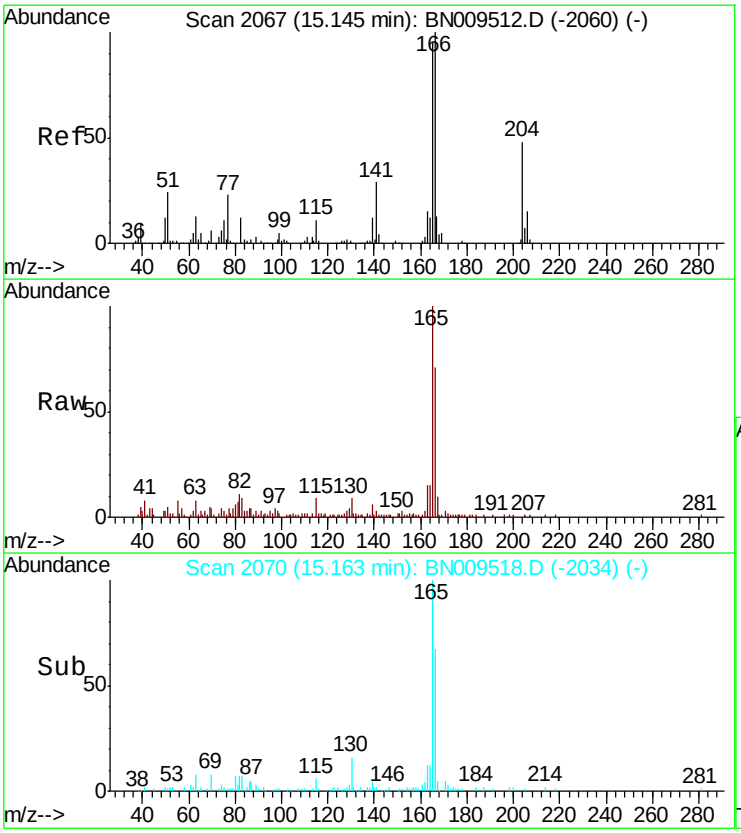
Tgt Ion:152 Resp: 1385663

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	12.8	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
GAT03

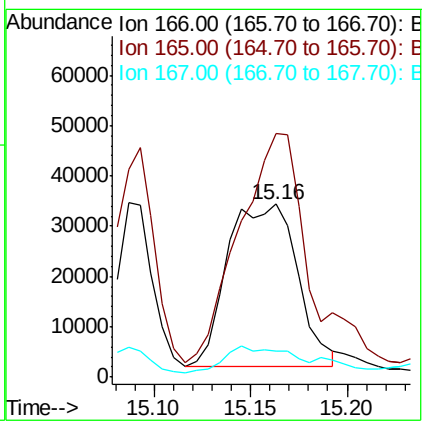
Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

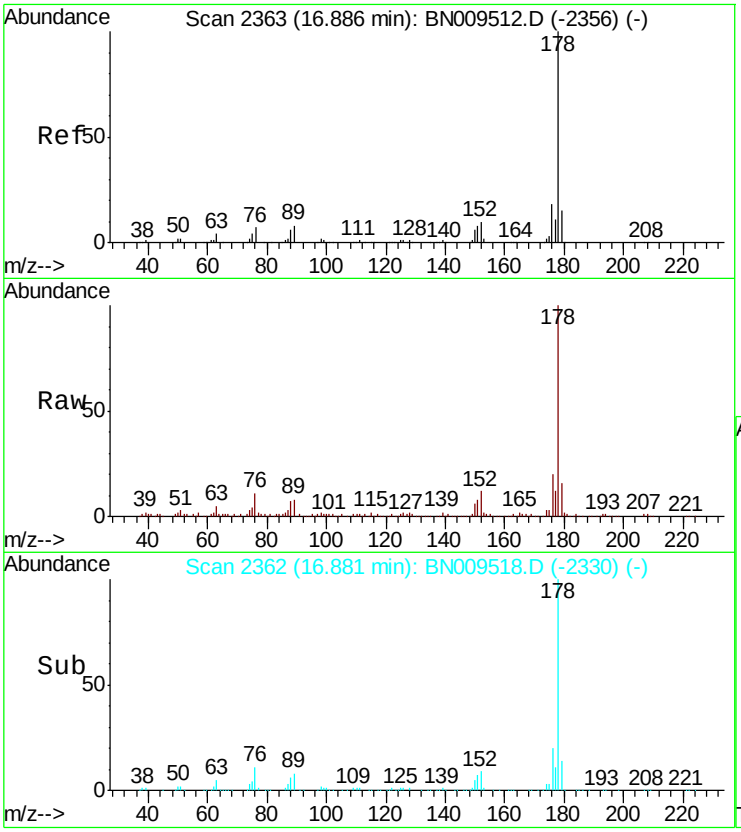


#58
Fluorene
Concen: 2.471 ng/ul m
RT: 15.16 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:166 Resp: 81133

Ion	Ratio	Lower	Upper
166	100		
165	140.7	76.5	114.7#
167	14.7	10.9	16.3

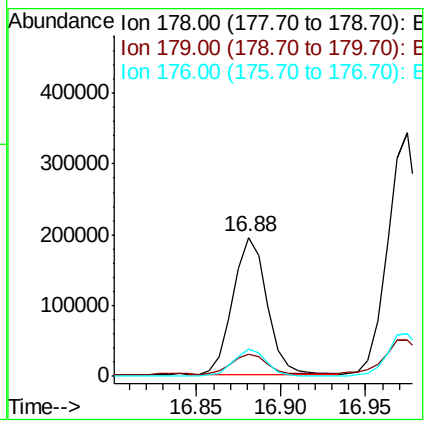




#69
Phenanthrene
Concen: 5.479 ng/ul
RT: 16.88 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

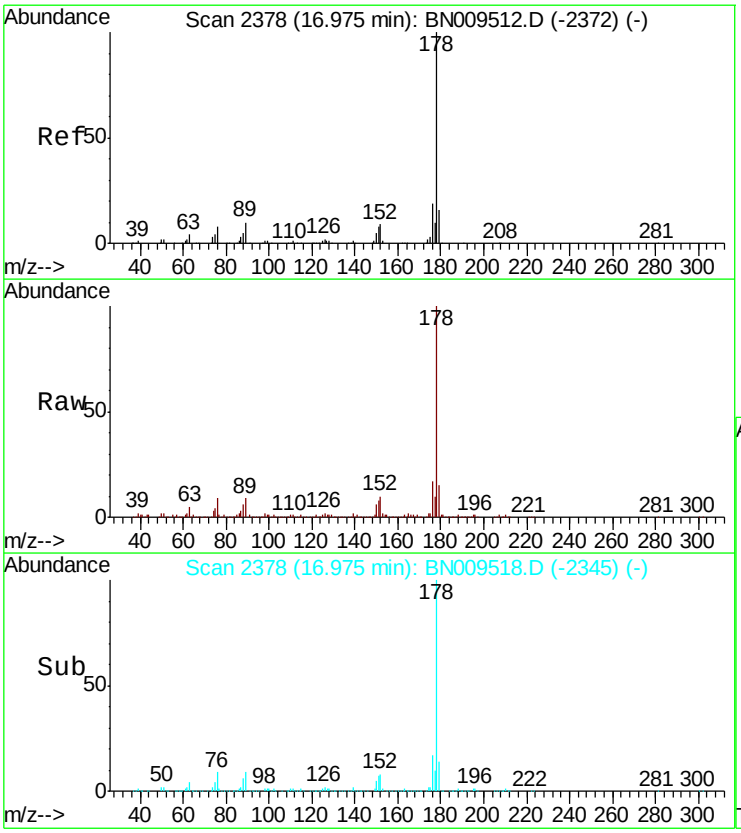
Tgt Ion:178 Resp: 272335

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.3	19.9
176	19.9	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
GAT03

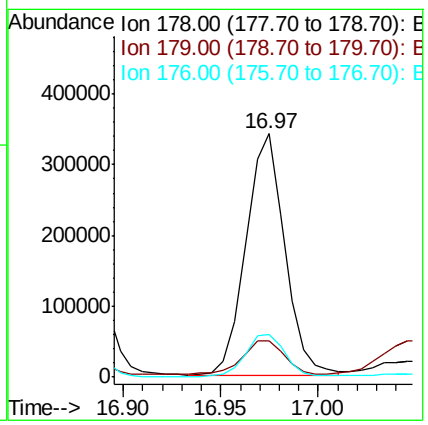
Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

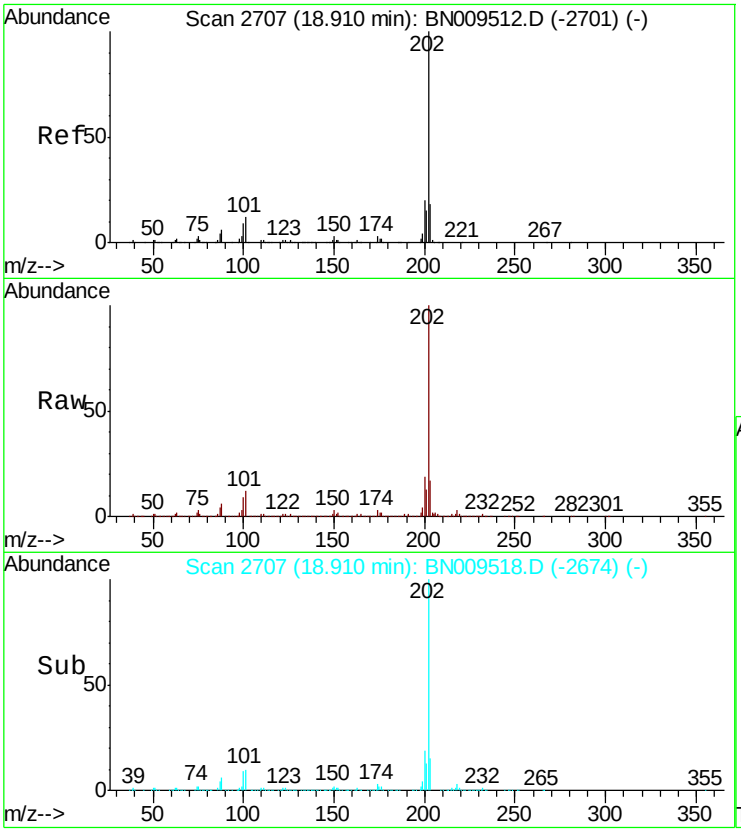


#71
Anthracene
Concen: 9.228 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:178 Resp: 467025

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.6
176	17.4	14.6	22.0

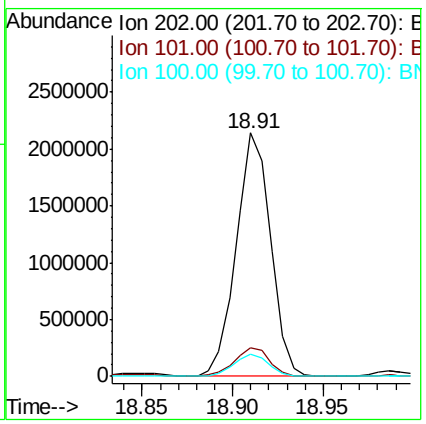




#76
Fluoranthene
Concen: 49.276 ng/ul
RT: 18.91 min Scan# 2707
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

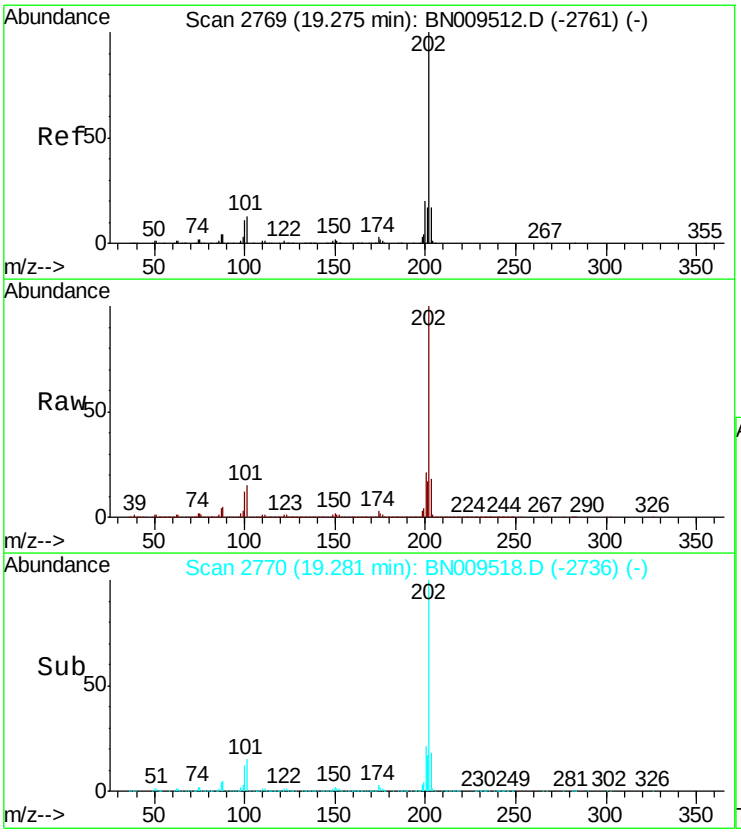
Tgt Ion:202 Resp: 2807713

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	9.1	7.1	10.7



Instrument :
BNA_N
ClientSampleId :
GAT03

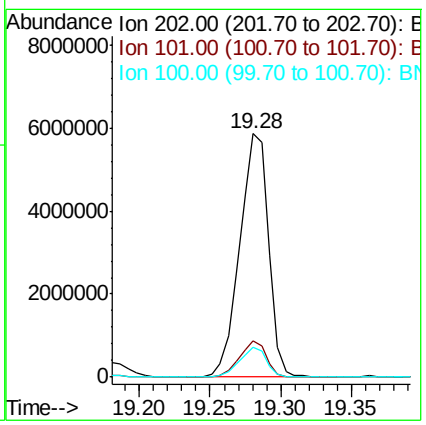
Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

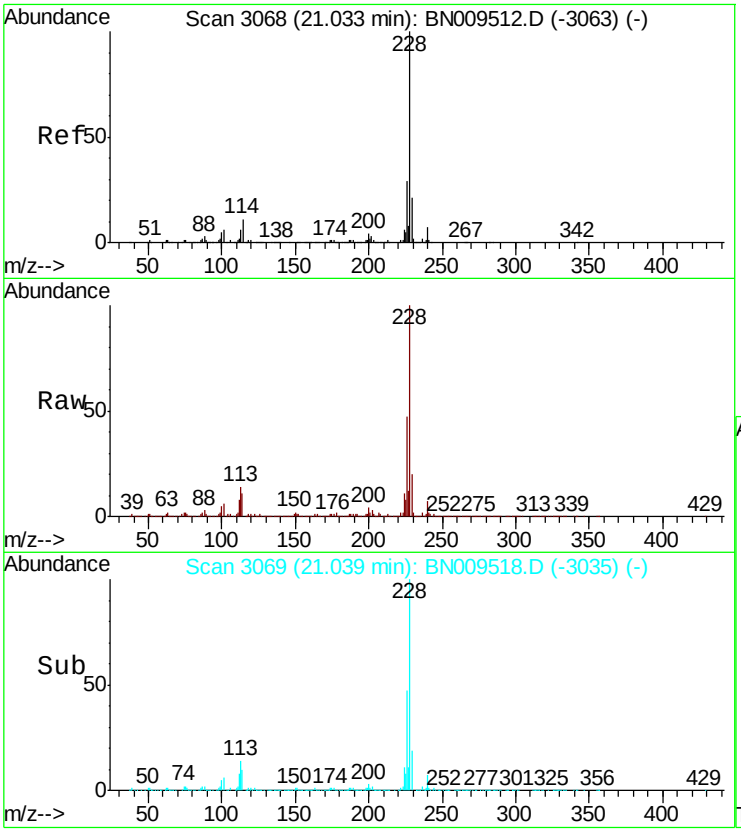


#79
Pyrene
Concen: 157.338 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:202 Resp: 8335057

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.9	16.3
100	12.1	8.6	12.8

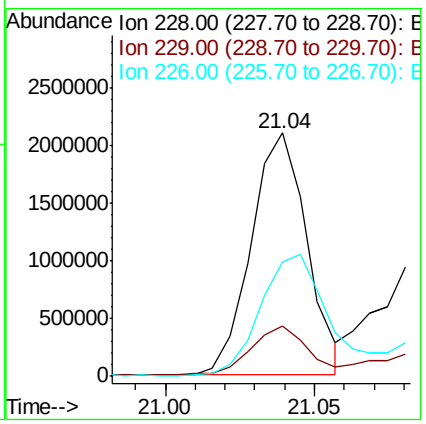




#82
Benzo(a)anthracene
Concen: 54.933 ng/ul m
RT: 21.04 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

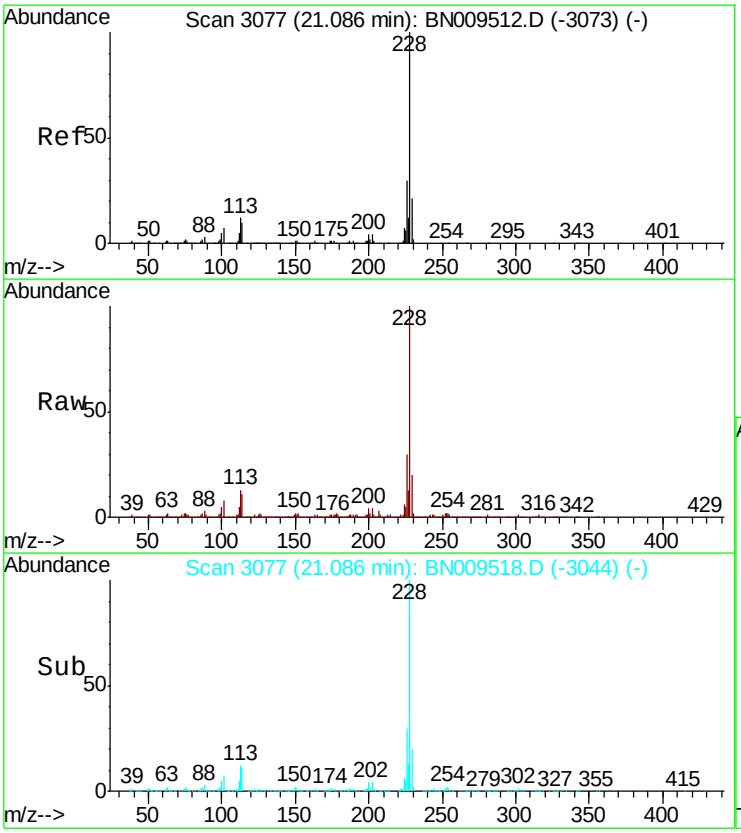
Tgt Ion:228 Resp: 2736930

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	47.2	20.9	31.3#



Instrument :
BNA_N
ClientSampleId :
GAT03

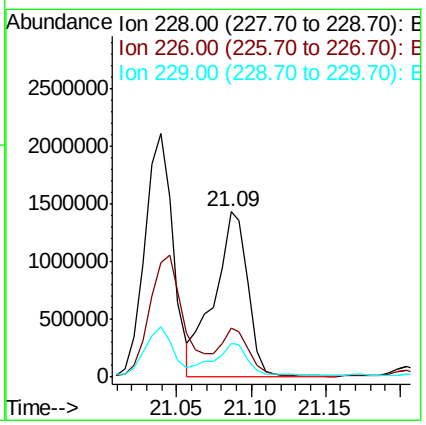
Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

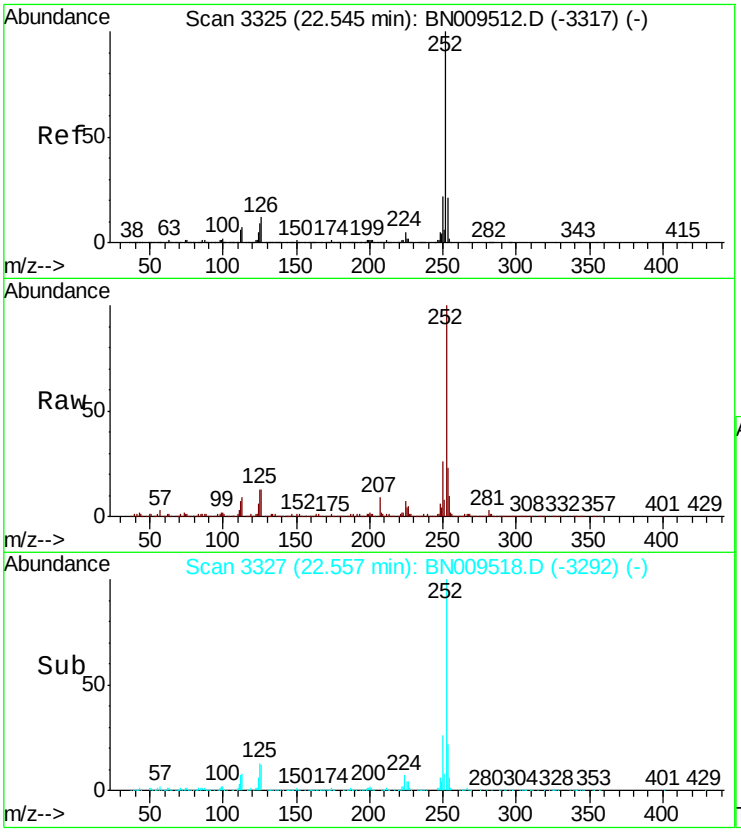


#84
Chrysene
Concen: 46.027 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:228 Resp: 2233916

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	20.5	15.4	23.0

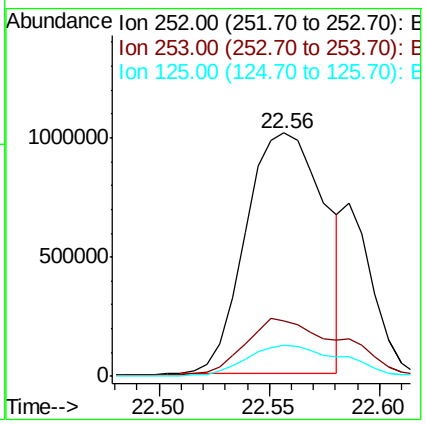




#87
Benzo(b)fluoranthene
Concen: 49.428 ng/ul m
RT: 22.56 min Scan# 3327
Delta R.T. 0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

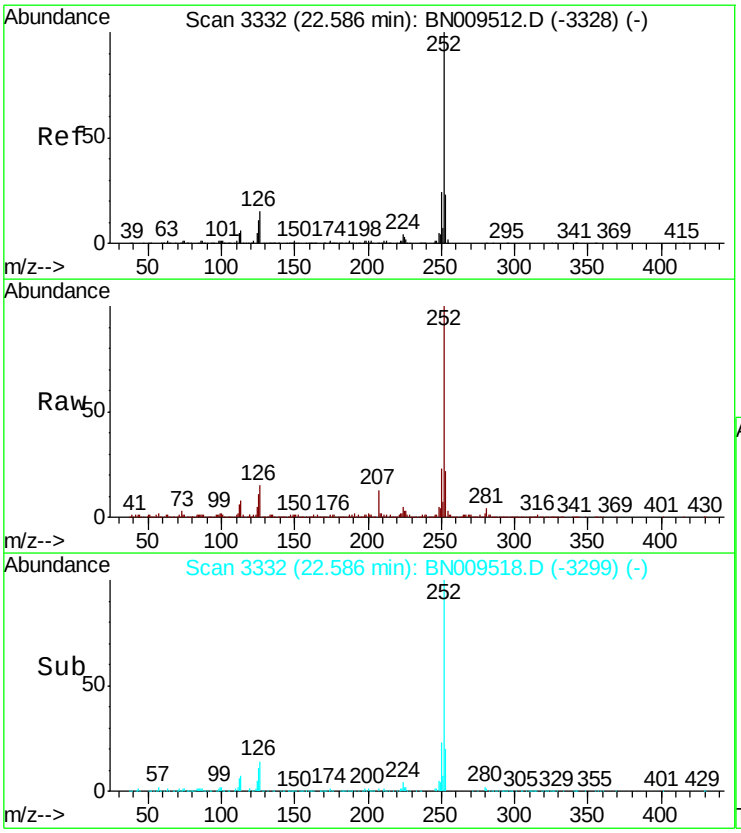
Tgt Ion:252 Resp: 2515254

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.5	24.7
125	12.8	8.2	12.2#



Instrument :
BNA_N
ClientSampleId :
GAT03

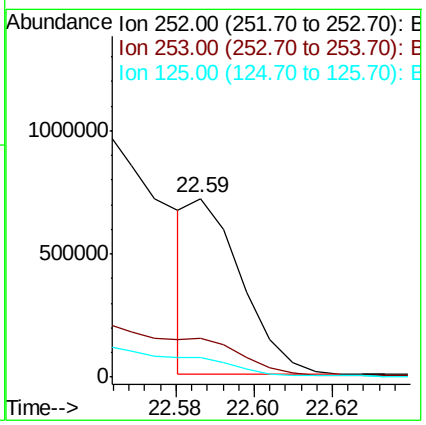
Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

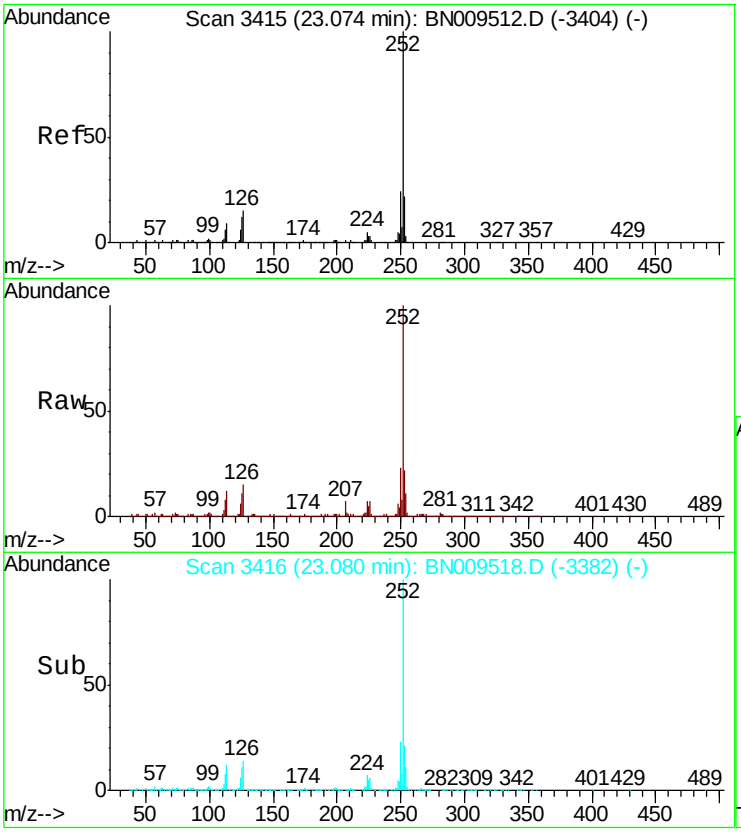


#88
Benzo(k)fluoranthene
Concen: 12.940 ng/ul m
RT: 22.59 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:252 Resp: 647446

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	11.1	7.8	11.8

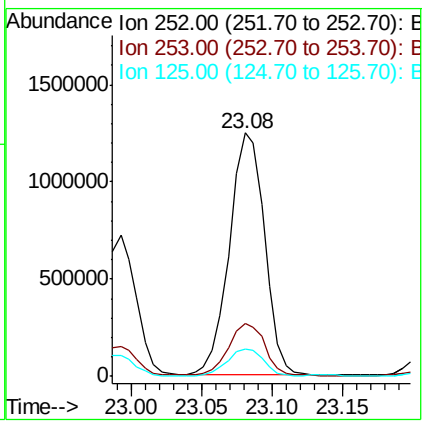




#90
Benzo(a)pyrene
Concen: 47.345 ng/ul
RT: 23.08 min Scan# 3416
Delta R.T. -0.00 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

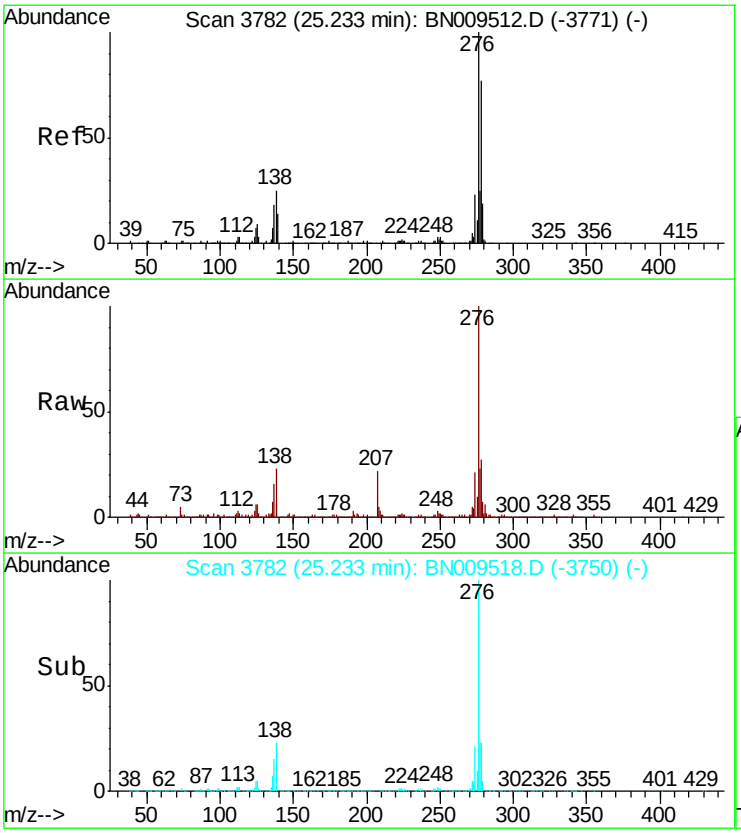
Tgt Ion:252 Resp: 2162597

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.3	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
GAT03

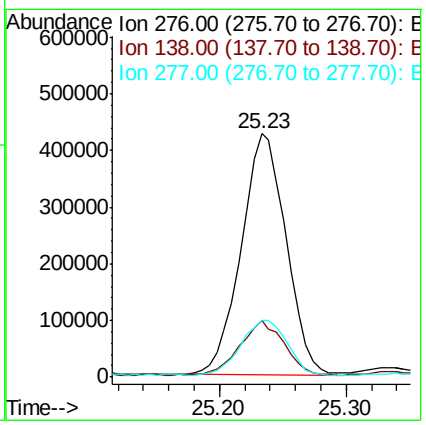
Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM

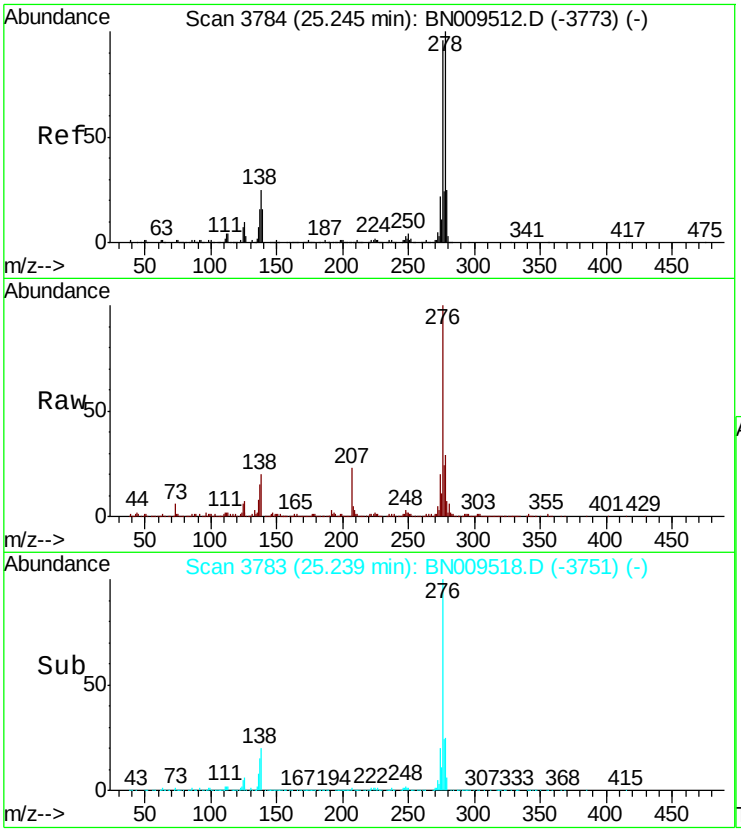


#91
Indeno(1,2,3-cd)pyrene
Concen: 18.926 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:276 Resp: 1047674

Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.4	32.0
277	23.5	20.4	30.6

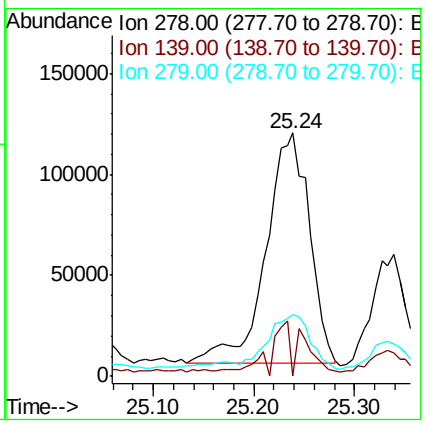




#92
Dibenzo(a,h)anthracene
Concen: 7.372 ng/ul m
RT: 25.24 min Scan# 3783
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

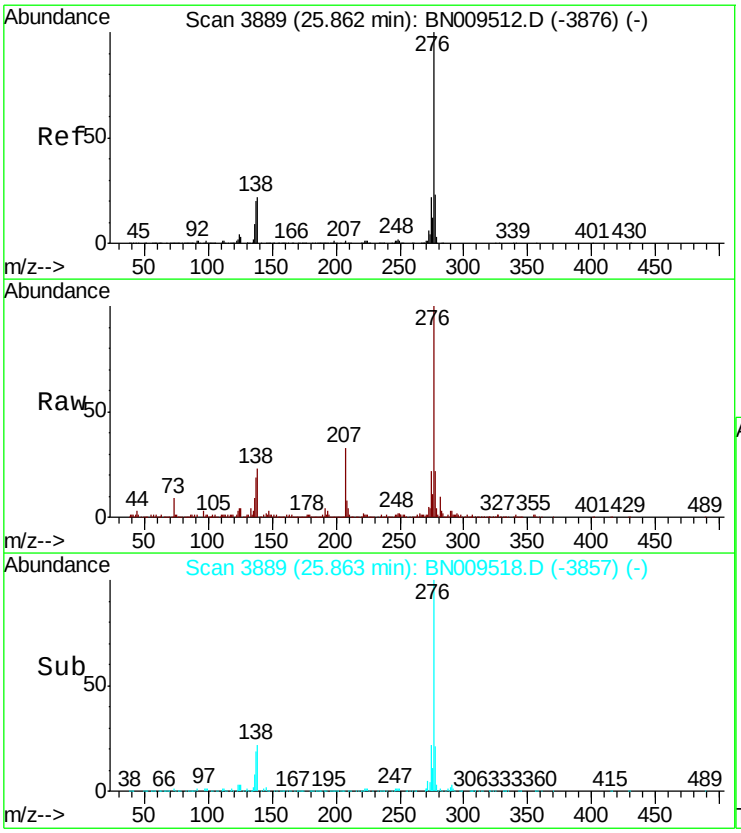
Tgt Ion:278 Resp: 344275

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.5	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
GAT03

Manual Integrations APPROVED
mohammad
2/3/2020 4:08:53 PM



#93
Benzo(g,h,i)perylene
Concen: 15.964 ng/ul
RT: 25.86 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BN009518.D
Acq: 31 Jan 2020 19:24

Tgt Ion:276 Resp: 735027

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.6	24.8
277	21.9	18.7	28.1